

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133892.D
 Acq On : 22 Jun 2023 10:02
 Operator : CG\JU
 Sample : PB153433TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153433TB

Quant Time: Jun 23 02:25:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 02:21:26 2023
 Response via : Initial Calibration

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

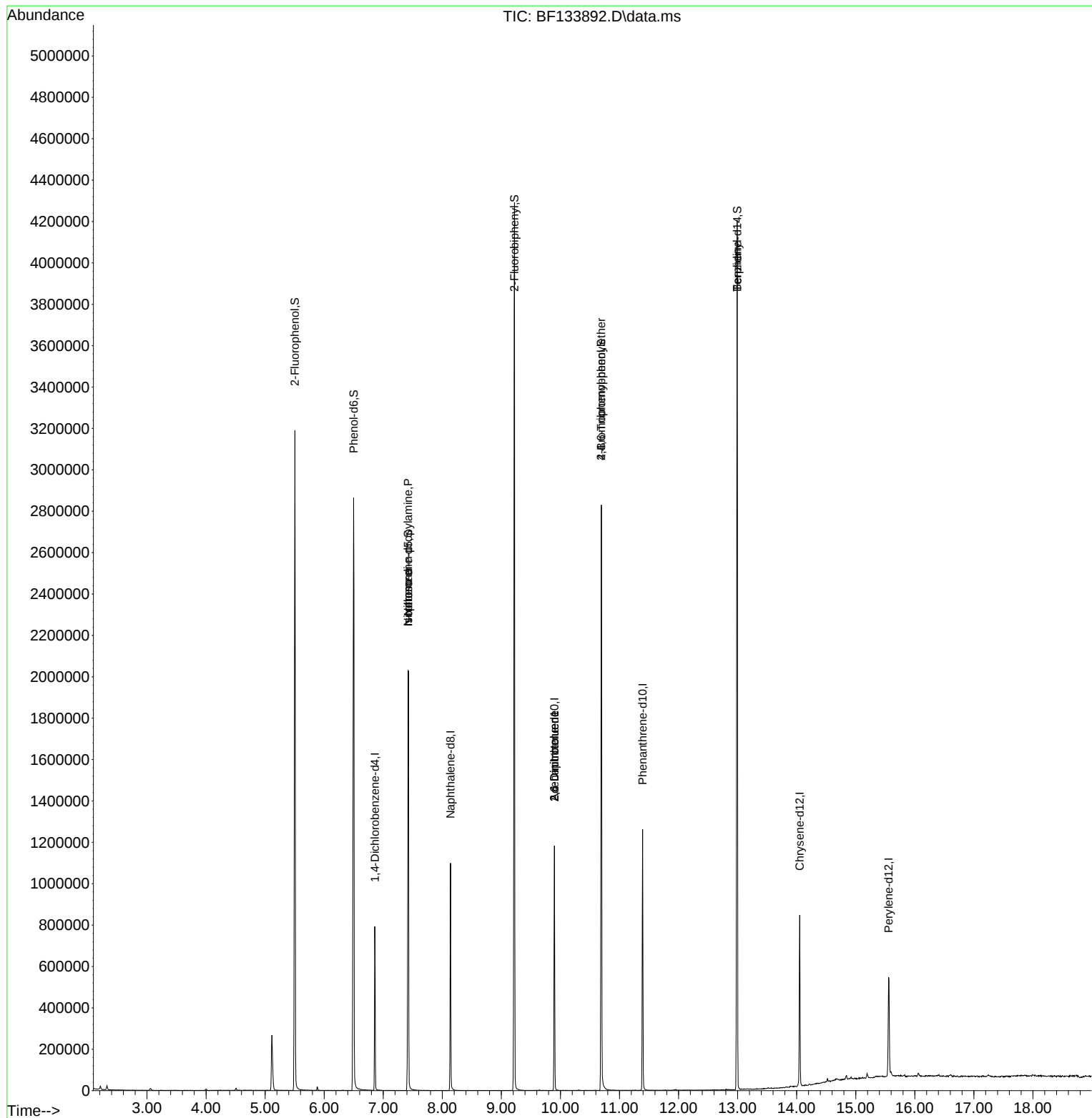
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	111059	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	426380	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	222173	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	446531	20.000	ng	0.00
76) Chrysene-d12	14.051	240	267083	20.000	ng	0.00
86) Perylene-d12	15.556	264	250842	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	872796	136.815	ng	0.01
7) Phenol-d6	6.498	99	1074973	129.455	ng	0.00
23) Nitrobenzene-d5	7.422	82	732574	93.581	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	355173	126.292	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1329061	85.036	ng	0.00
79) Terphenyl-d14	12.992	244	1565373	90.690	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.422	70	103205	19.534	ng	Qvalue # 77
25) Isophorone	7.422	82	730375	50.820	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	27890	8.148	ng	# 28
57) 2,4-Dinitrotoluene	9.898	165	27890	6.407	ng	# 19
67) 4-Bromophenyl-phenylether	10.692	248	21502	4.314	ng	# 1
77) Benzidine	12.992	184	21657	2.416	ng	# 92

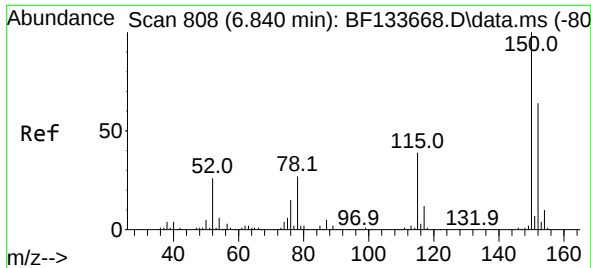
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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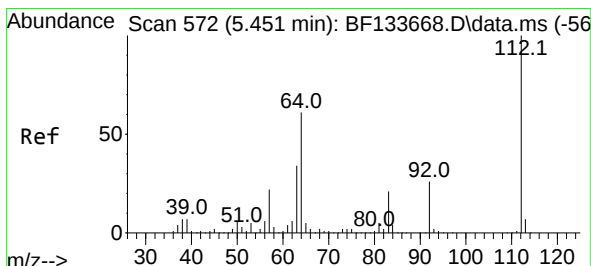
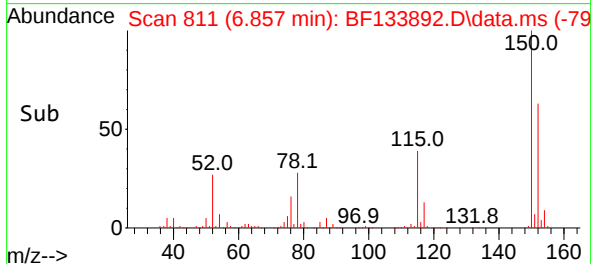
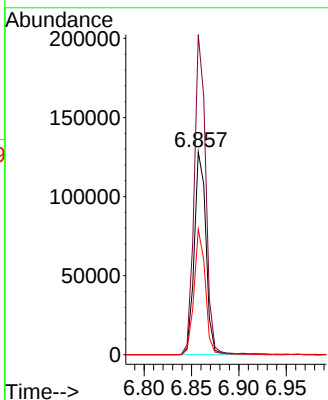
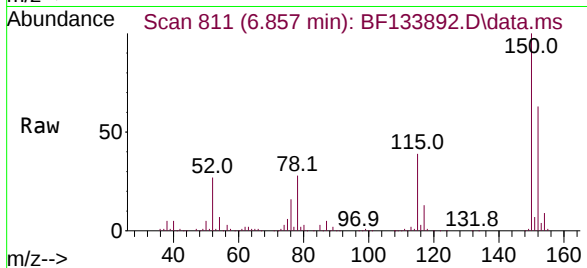




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133892.D
Acq: 22 Jun 2023 10:02

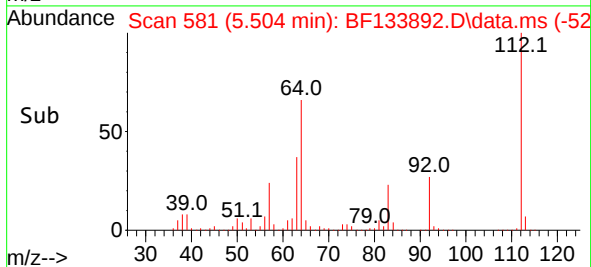
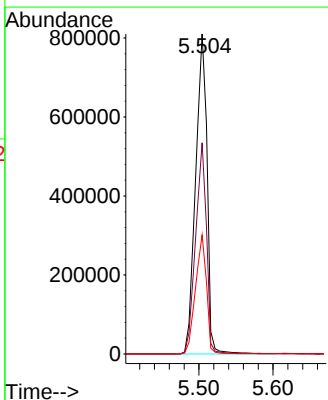
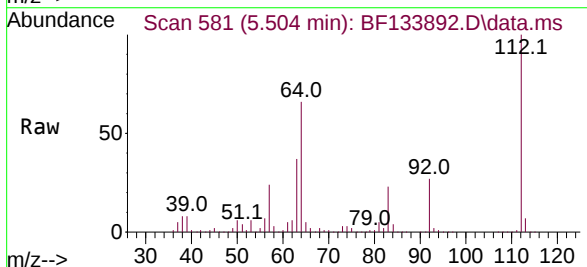
Instrument :
BNA_F
ClientSampleId :
PB153433TB

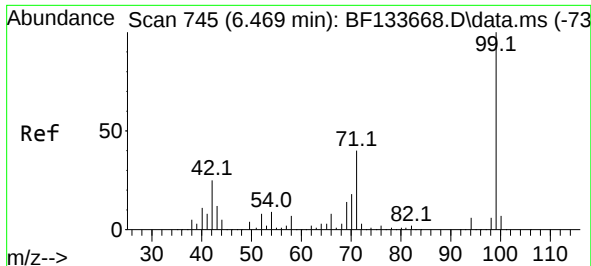
Tgt Ion:152 Resp: 111059
Ion Ratio Lower Upper
152 100
150 157.8 124.3 186.5
115 61.9 48.5 72.7



#5
2-Fluorophenol
Concen: 136.815 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF133892.D
Acq: 22 Jun 2023 10:02

Tgt Ion:112 Resp: 872796
Ion Ratio Lower Upper
112 100
64 66.0 49.0 73.4
63 37.2 26.8 40.2

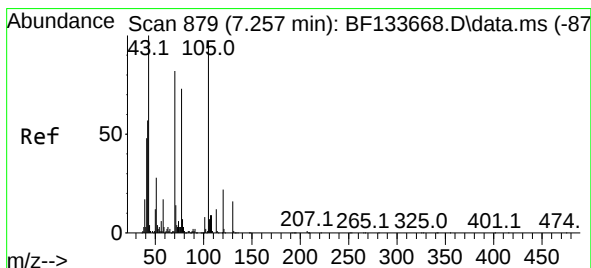
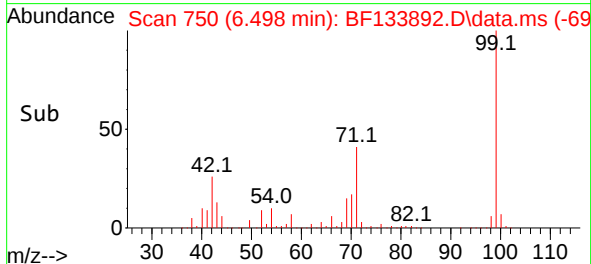
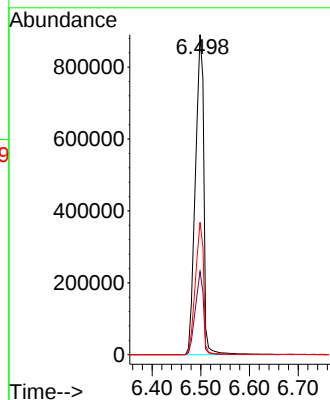
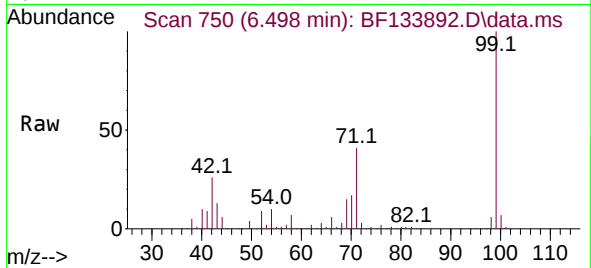




#7
Phenol-d6
Concen: 129.455 ng
RT: 6.498 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133892.D
Acq: 22 Jun 2023 10:02

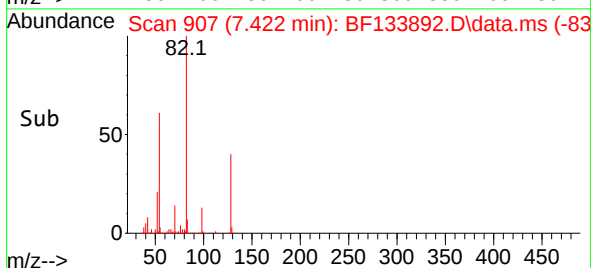
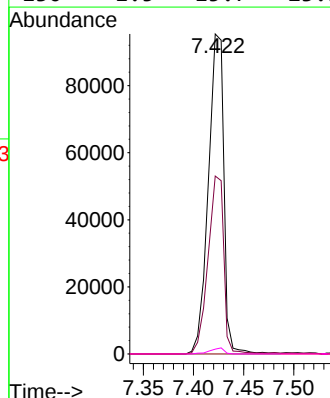
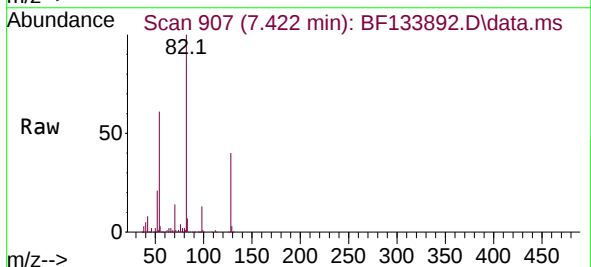
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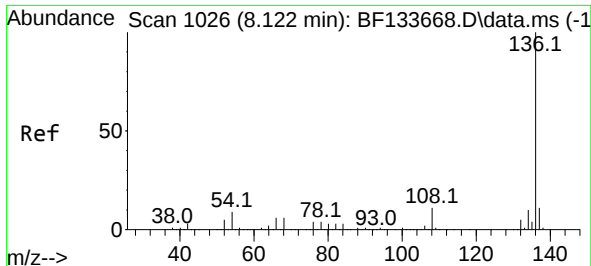
Tgt Ion: 99 Resp: 1074973
Ion Ratio Lower Upper
99 100
42 26.0 19.9 29.9
71 41.3 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 19.534 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.147 min
Lab File: BF133892.D
Acq: 22 Jun 2023 10:02

Tgt Ion: 70 Resp: 103205
Ion Ratio Lower Upper
70 100
42 55.6 55.8 83.8#
101 0.0 8.1 12.1#
130 1.5 15.7 23.5#

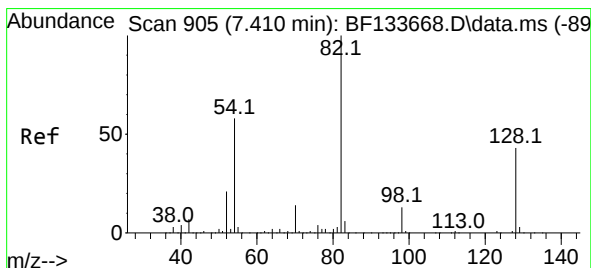
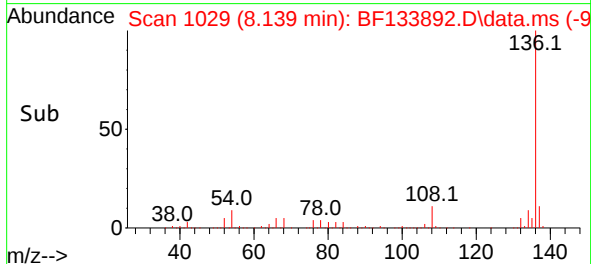
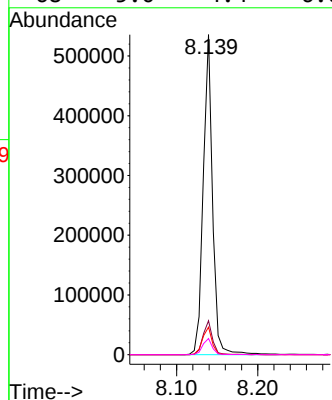
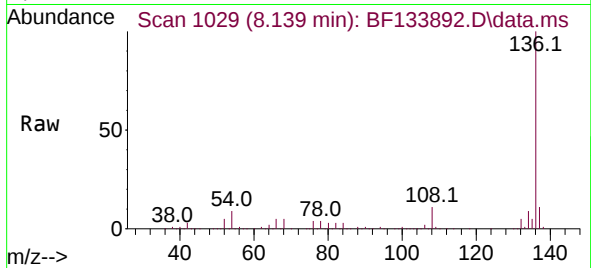




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF133892.D
Acq: 22 Jun 2023 10:02

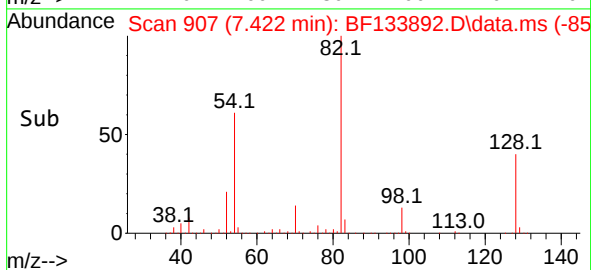
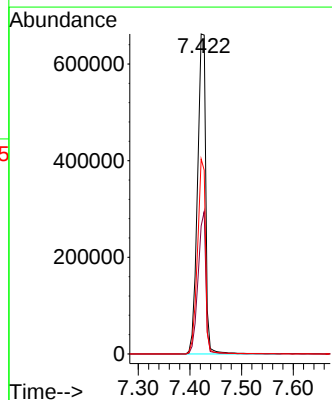
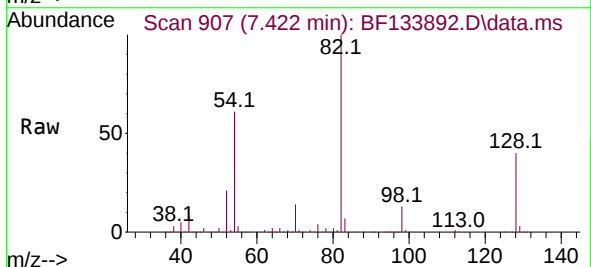
Instrument :
BNA_F
ClientSampleId :
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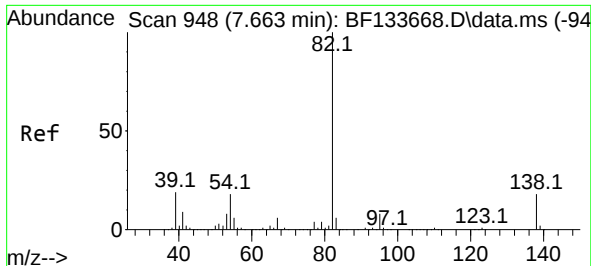
Tgt Ion:136 Resp: 426380
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.6 7.4 11.0
68 5.0 4.4 6.6



#23
Nitrobenzene-d5
Concen: 93.581 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF133892.D
Acq: 22 Jun 2023 10:02

Tgt Ion: 82 Resp: 732574
Ion Ratio Lower Upper
82 100
128 40.0 34.2 51.2
54 60.9 46.5 69.7

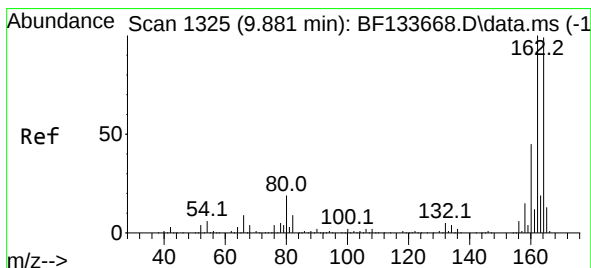
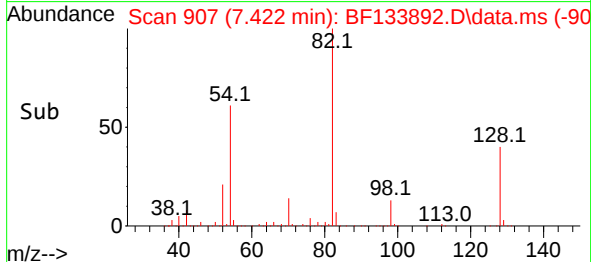
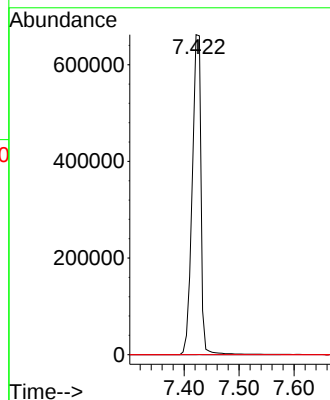
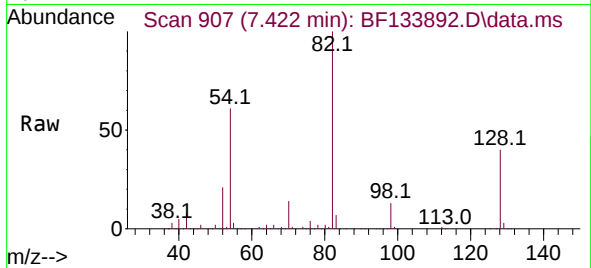




#25
Isophorone
Concen: 50.820 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133892.D
Acq: 22 Jun 2023 10:02

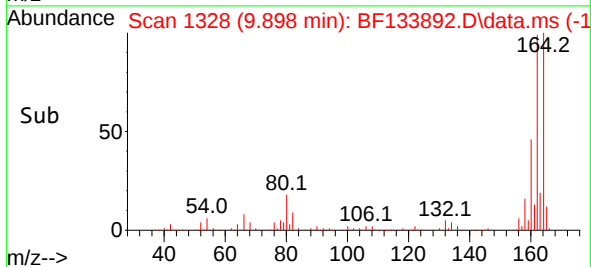
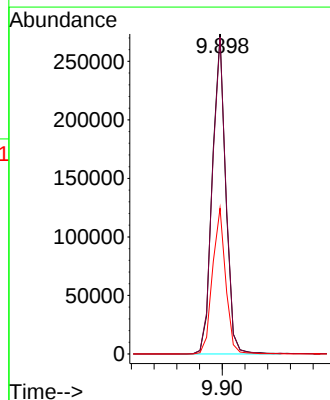
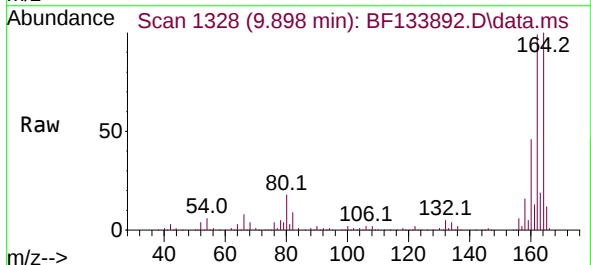
Instrument :
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ClientSampleId :
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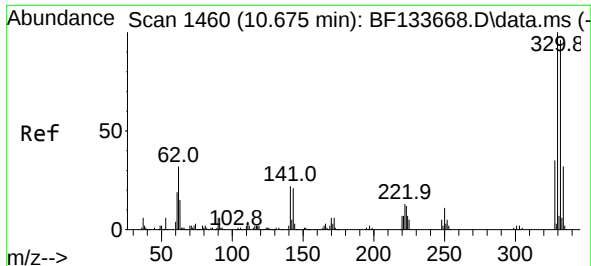
Tgt Ion: 82 Resp: 730375
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF133892.D
Acq: 22 Jun 2023 10:02

Tgt Ion: 164 Resp: 222173
Ion Ratio Lower Upper
164 100
162 99.0 80.8 121.2
160 45.6 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 126.292 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF133892.D

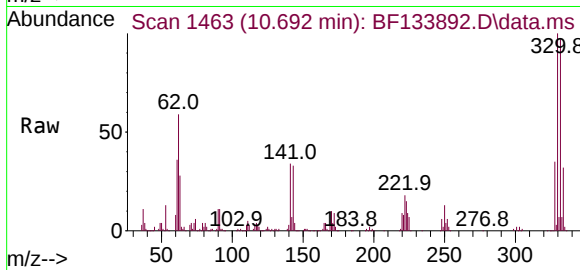
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Instrument :

BNA_F

ClientSampleId :

PB153433TB



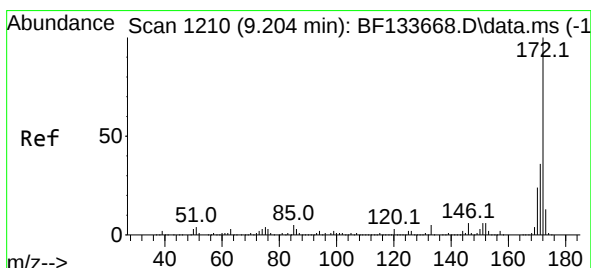
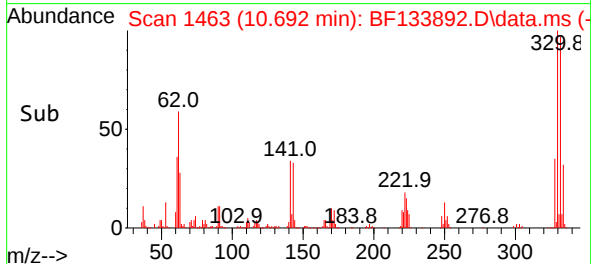
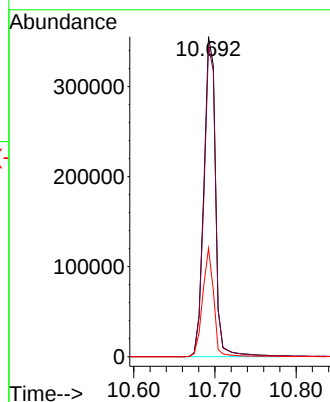
Tgt Ion:330 Resp: 355173

Ion Ratio Lower Upper

330 100

332 97.6 77.2 115.8

141 32.3 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 85.036 ng

RT: 9.222 min Scan# 1213

Delta R.T. 0.000 min

Lab File: BF133892.D

Acq: 22 Jun 2023 10:02

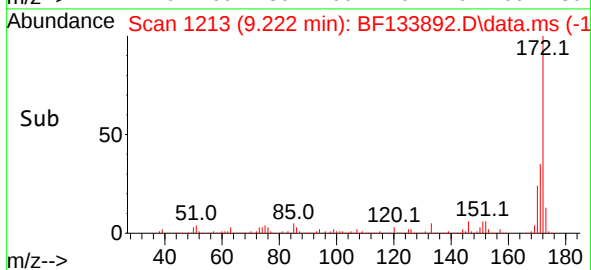
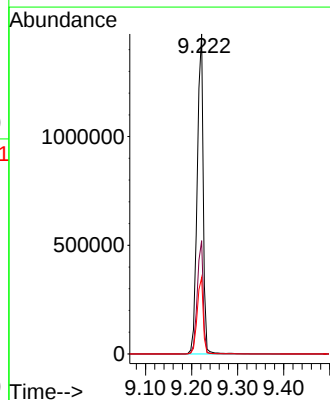
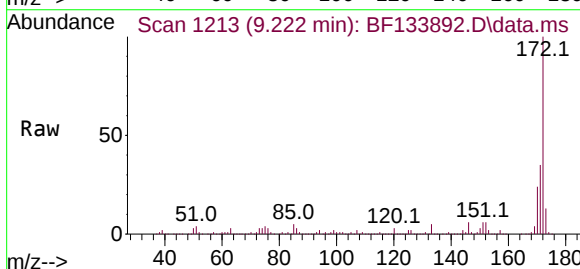
Tgt Ion:172 Resp: 1329061

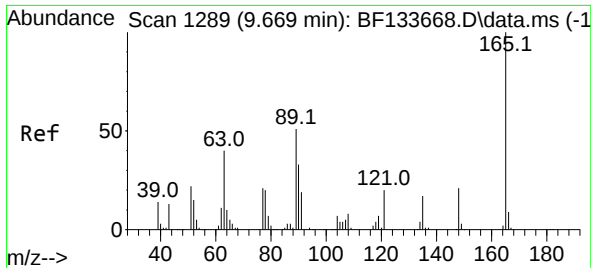
Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 23.9 19.1 28.7

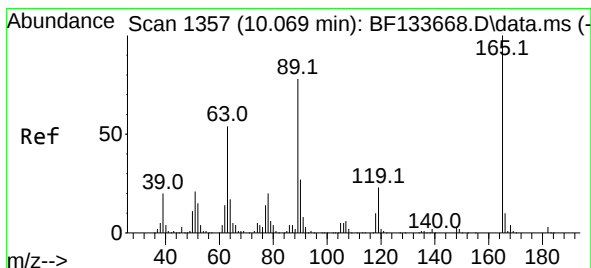
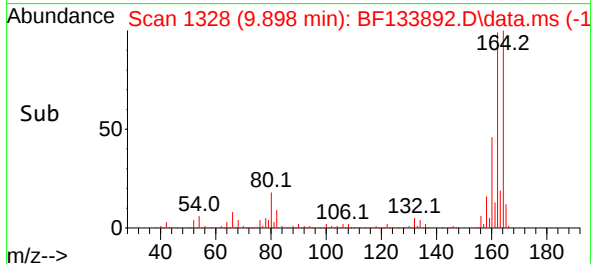
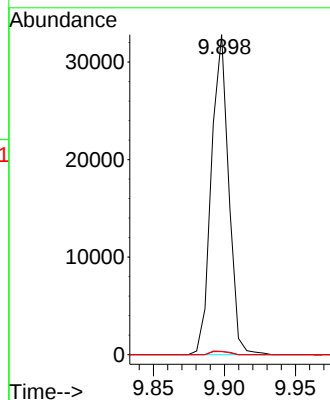
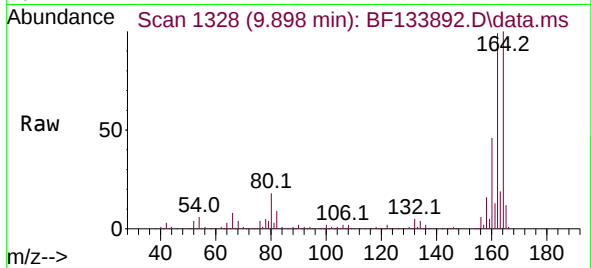




#51
2,6-Dinitrotoluene
Concen: 8.148 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF133892.D
Acq: 22 Jun 2023 10:02

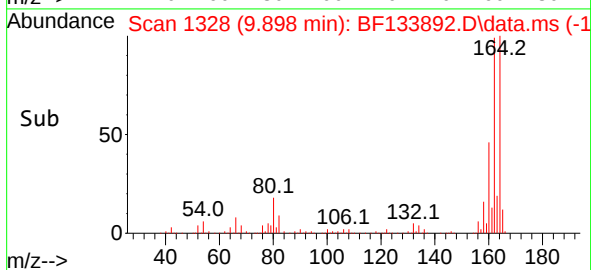
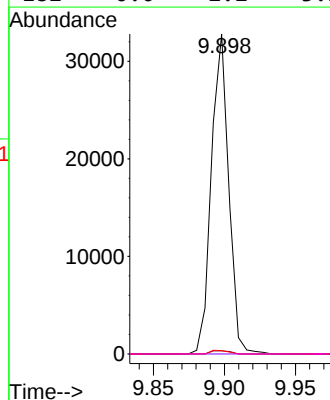
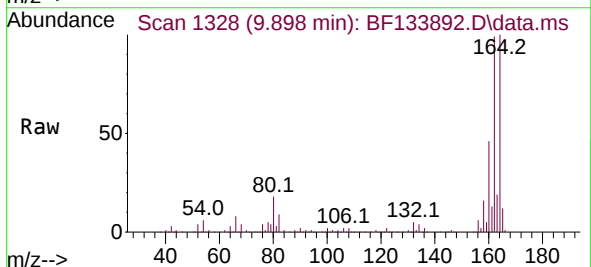
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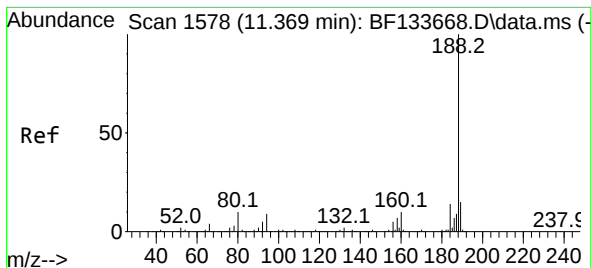
Tgt Ion:165 Resp: 27890
Ion Ratio Lower Upper
165 100
63 1.0 42.1 63.1#
89 1.1 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.407 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF133892.D
Acq: 22 Jun 2023 10:02

Tgt Ion:165 Resp: 27890
Ion Ratio Lower Upper
165 100
63 1.0 43.0 64.6#
89 1.1 62.6 93.8#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133892.D

Acq: 22 Jun 2023 10:02

Instrument :

BNA_F

ClientSampleId :

PB153433TB

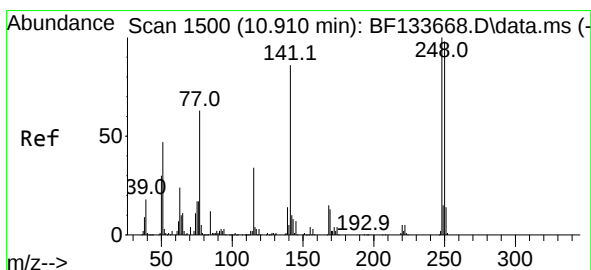
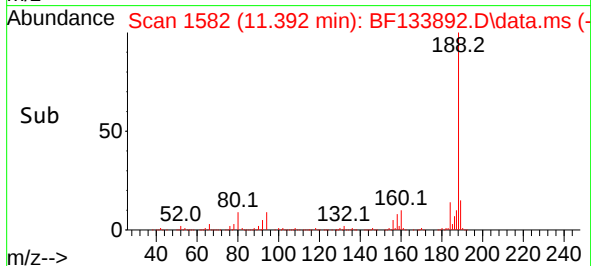
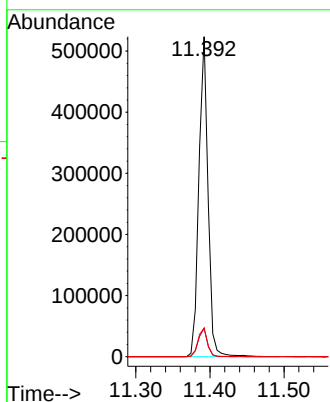
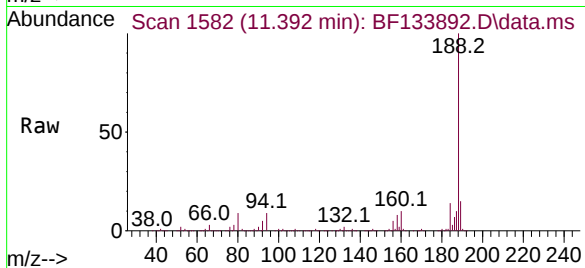
Tgt Ion:188 Resp: 446531

Ion Ratio Lower Upper

188 100

94 8.9 6.8 10.2

80 9.0 7.8 11.6



#67

4-Bromophenyl-phenylether

Concen: 4.314 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF133892.D

Acq: 22 Jun 2023 10:02

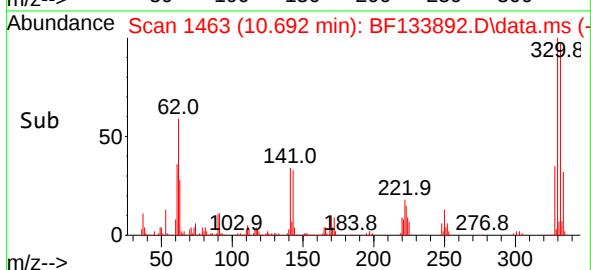
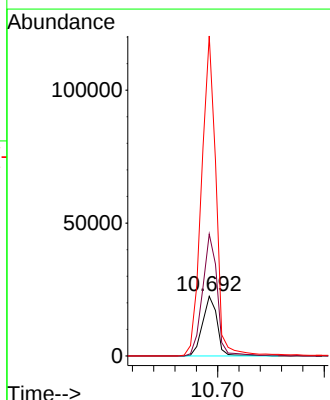
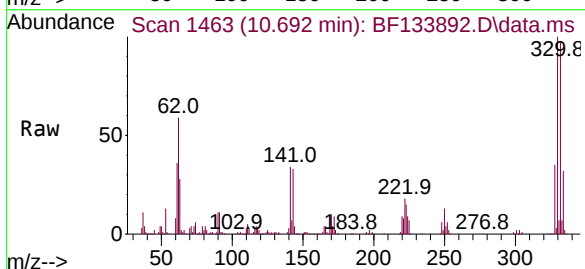
Tgt Ion:248 Resp: 21502

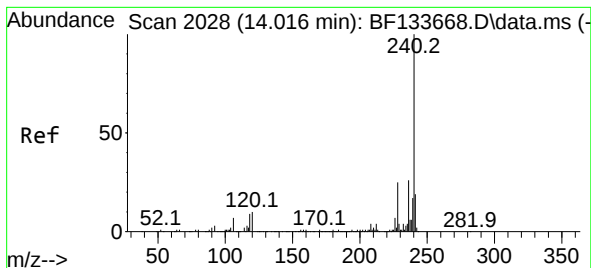
Ion Ratio Lower Upper

248 100

250 204.0 78.3 117.5#

141 535.7 69.0 103.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF133892.D

Acq: 22 Jun 2023 10:02

Instrument :

BNA_F

ClientSampleId :

PB153433TB

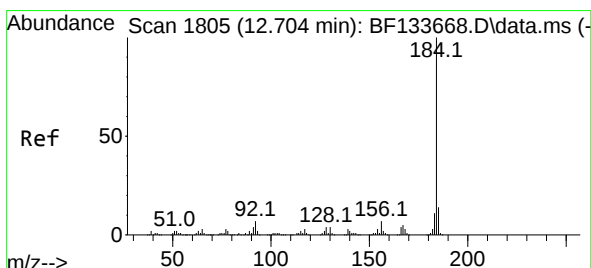
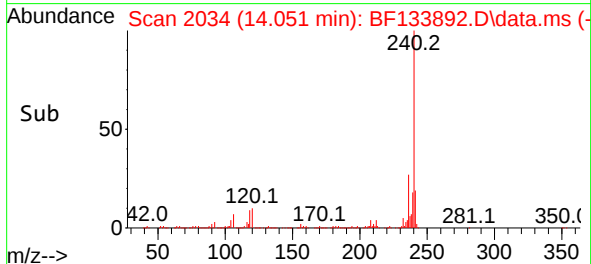
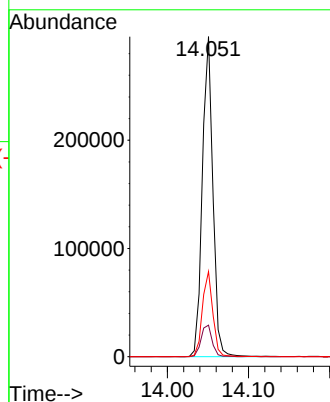
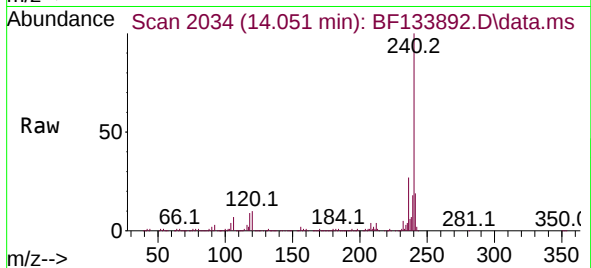
Tgt Ion:240 Resp: 267083

Ion Ratio Lower Upper

240 100

120 9.8 8.1 12.1

236 26.6 20.5 30.7



#77

Benzidine

Concen: 2.416 ng

RT: 12.992 min Scan# 1854

Delta R.T. 0.253 min

Lab File: BF133892.D

Acq: 22 Jun 2023 10:02

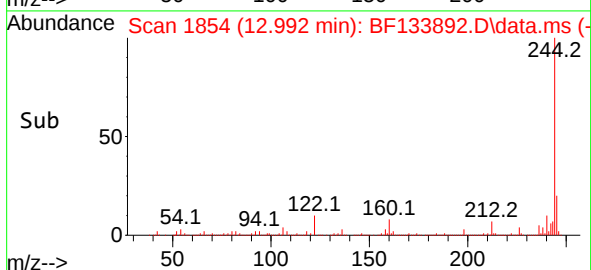
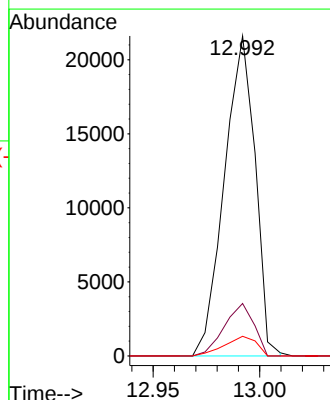
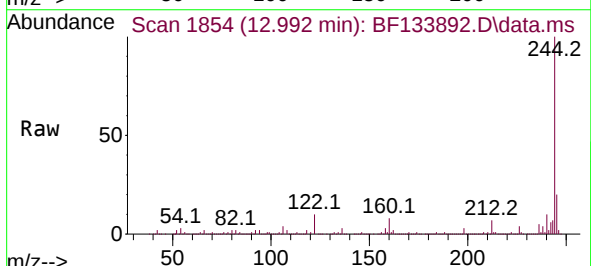
Tgt Ion:184 Resp: 21657

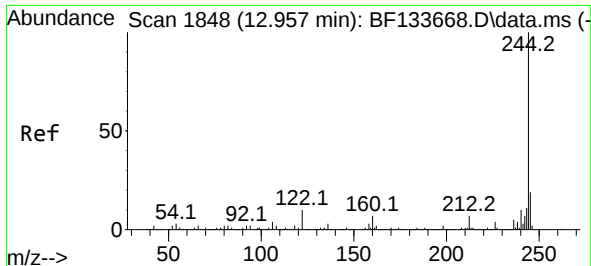
Ion Ratio Lower Upper

184 100

185 16.4 11.6 17.4

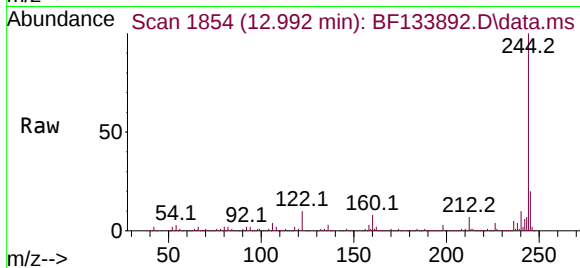
183 6.2 8.4 12.6#



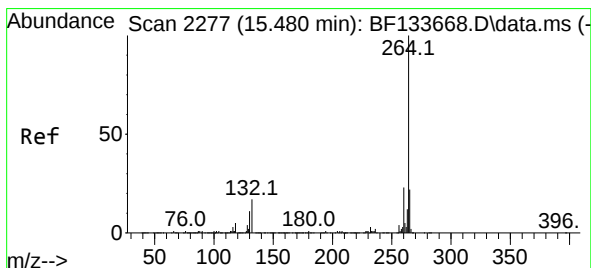
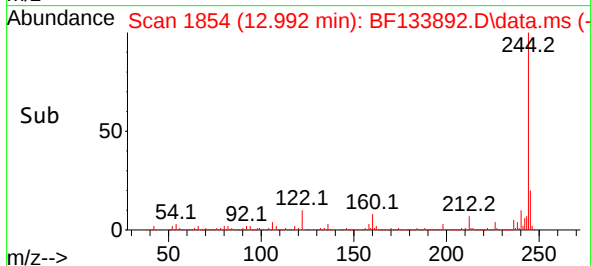
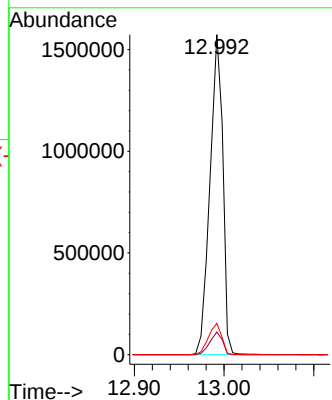


#79
 Terphenyl-d14
 Concen: 90.690 ng
 RT: 12.992 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133892.D
 Acq: 22 Jun 2023 10:02

Instrument :
 BNA_F
 ClientSampleId :
 PB153433TB



Tgt Ion:244 Resp: 1565373
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 9.8 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.556 min Scan# 2290
 Delta R.T. -0.006 min
 Lab File: BF133892.D
 Acq: 22 Jun 2023 10:02

Tgt Ion:264 Resp: 250842
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.2 27.2
 265 21.7 17.8 26.6

