

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
 Data File : BF135726.D
 Acq On : 12 Oct 2023 10:43
 Operator : CG\JU
 Sample : PB156073BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156073BL

Quant Time: Oct 13 00:53:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 02:43:17 2023
 Response via : Initial Calibration

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

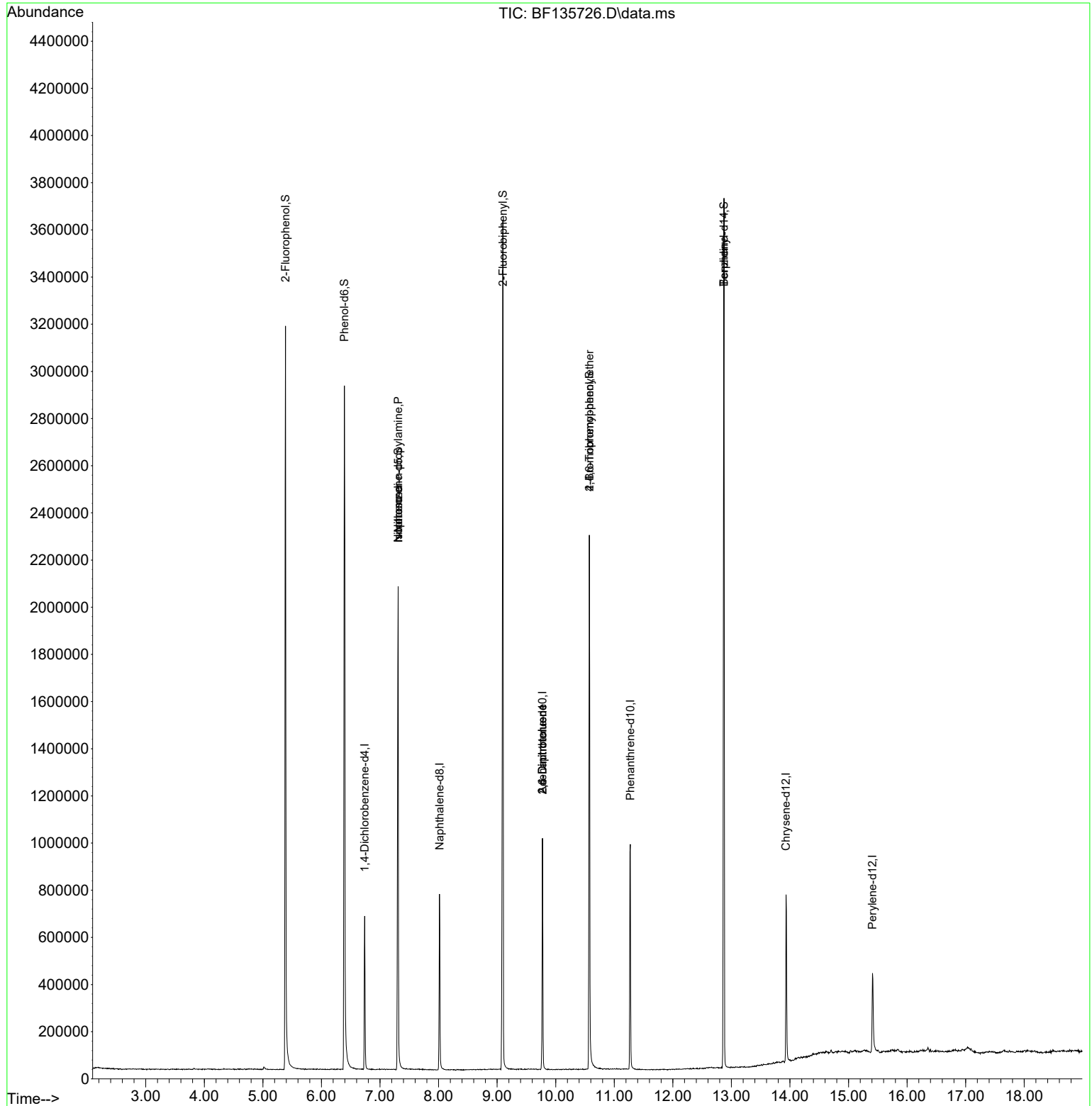
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	96217	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	361246	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	198310	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	408846	20.000	ng	0.00
76) Chrysene-d12	13.933	240	271089	20.000	ng	0.00
86) Perylene-d12	15.409	264	193900	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	873469	147.651	ng	0.02
7) Phenol-d6	6.392	99	1125217	149.585	ng	0.00
23) Nitrobenzene-d5	7.310	82	701617	105.519	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	308724	156.655	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1300784	98.962	ng	0.00
79) Terphenyl-d14	12.874	244	1458327	83.393	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.310	70	93243	20.012	ng	# 80
25) Isophorone	7.310	82	701617	57.464	ng	# 65
51) 2,6-Dinitrotoluene	9.775	165	25424	8.656	ng	# 17
57) 2,4-Dinitrotoluene	9.775	165	25424	6.914	ng	# 18
67) 4-Bromophenyl-phenylether	10.575	248	17902	4.403	ng	# 1
77) Benzidine	12.874	184	18679	3.363	ng	# 94

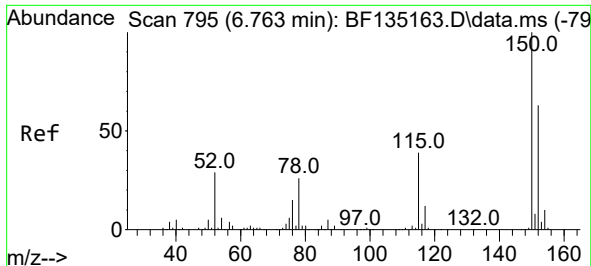
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 02:43:17 2023
Response via : Initial Calibration

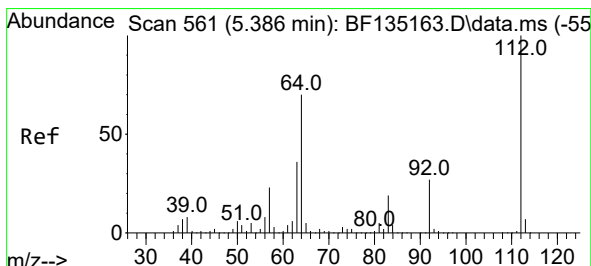
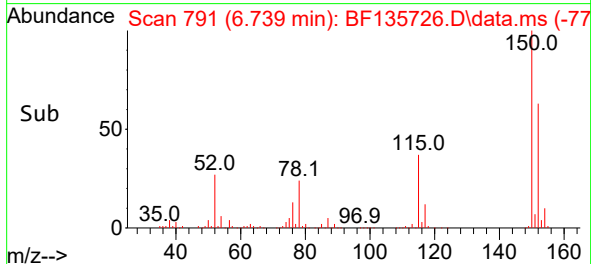
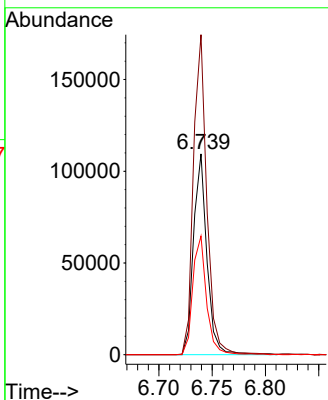
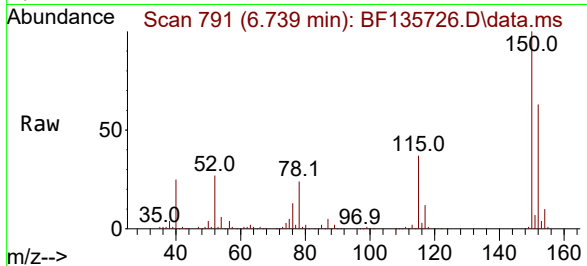




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135726.D
Acq: 12 Oct 2023 10:43

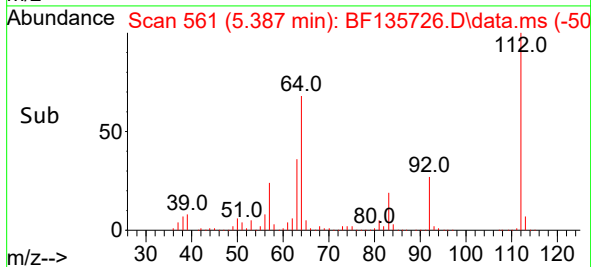
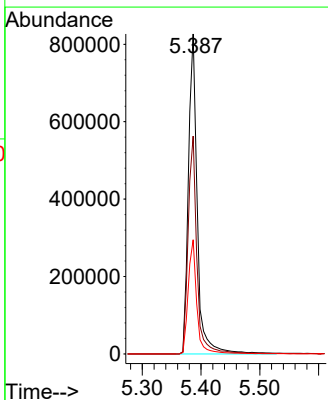
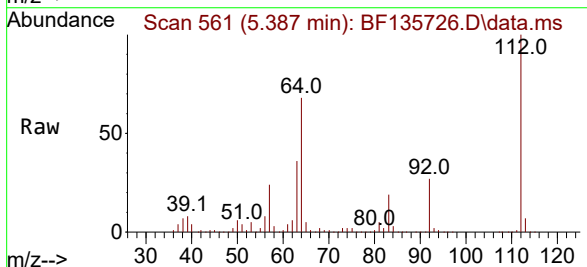
Instrument :
BNA_F
ClientSampleId :
PB156073BL

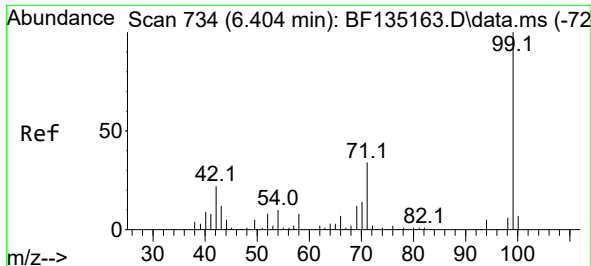
Tgt Ion:152 Resp: 96217
Ion Ratio Lower Upper
152 100
150 159.4 127.8 191.6
115 59.0 49.8 74.8



#5
2-Fluorophenol
Concen: 147.651 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.018 min
Lab File: BF135726.D
Acq: 12 Oct 2023 10:43

Tgt Ion:112 Resp: 873469
Ion Ratio Lower Upper
112 100
64 68.1 55.9 83.9
63 35.7 29.0 43.6

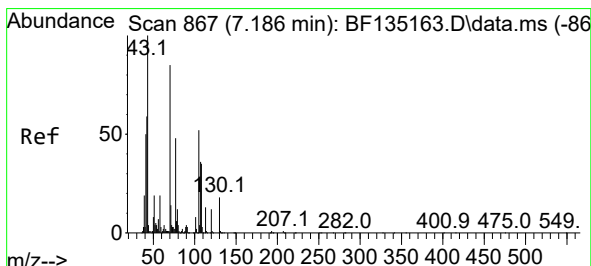
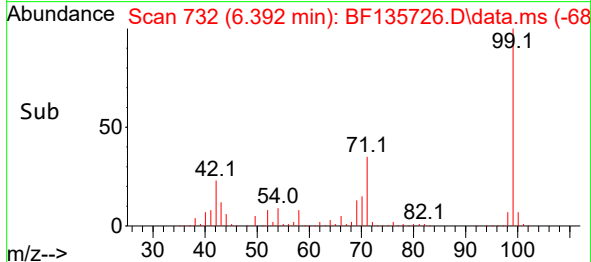
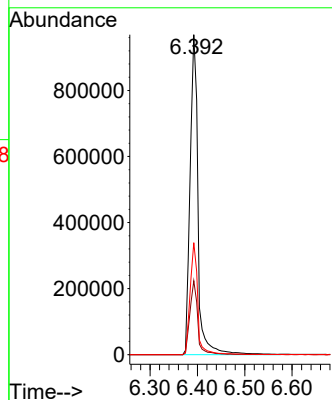
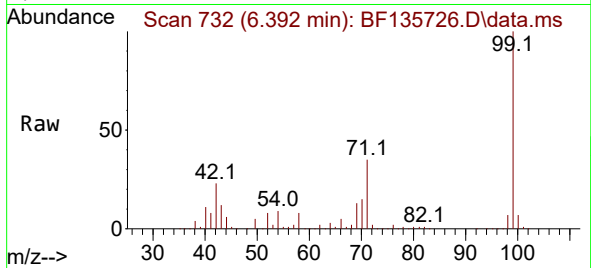




#7
Phenol-d6
Concen: 149.585 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135726.D
Acq: 12 Oct 2023 10:43

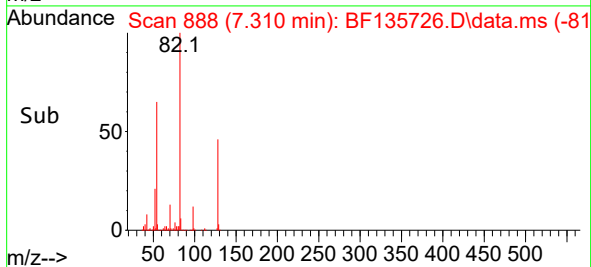
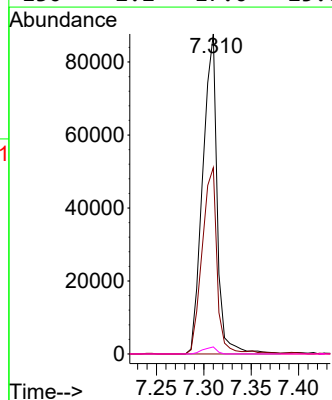
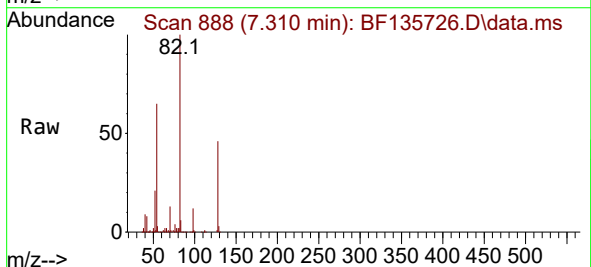
Instrument :
BNA_F
ClientSampleId :
PB156073BL

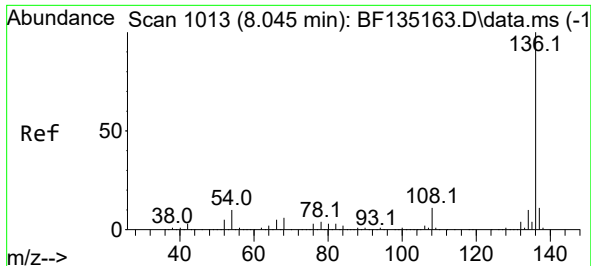
Tgt Ion: 99 Resp: 1125217
Ion Ratio Lower Upper
99 100
42 23.1 17.9 26.9
71 35.0 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 20.012 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.153 min
Lab File: BF135726.D
Acq: 12 Oct 2023 10:43

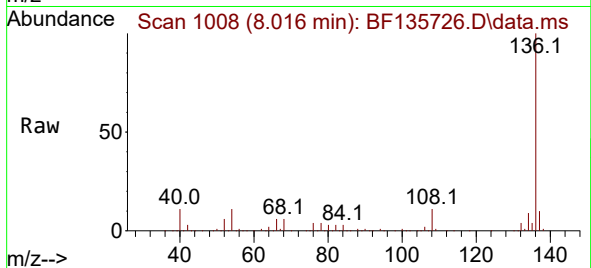
Tgt Ion: 70 Resp: 93243
Ion Ratio Lower Upper
70 100
42 58.2 55.4 83.0
101 0.0 7.7 11.5#
130 2.2 17.0 25.6#



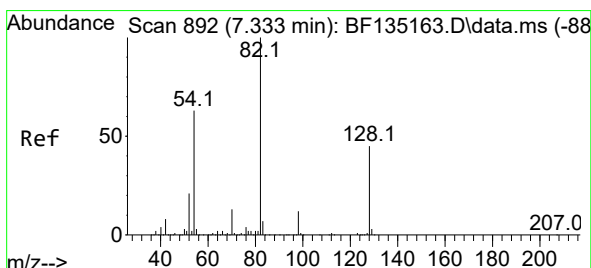
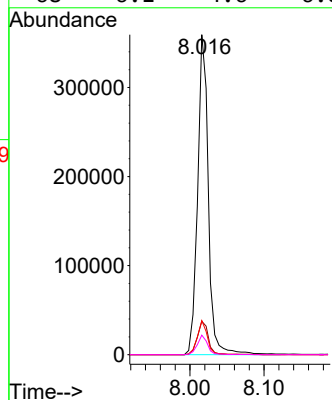
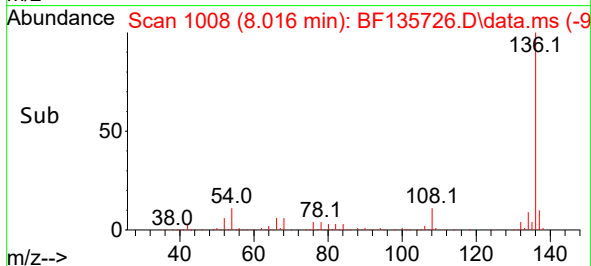


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135726.D
Acq: 12 Oct 2023 10:43

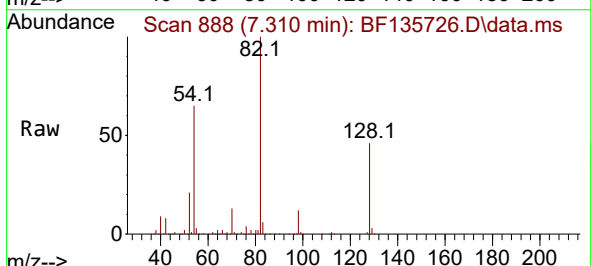
Instrument :
BNA_F
ClientSampleId :
PB156073BL



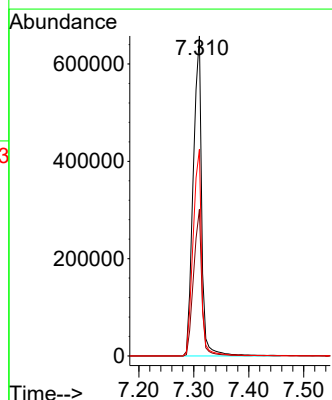
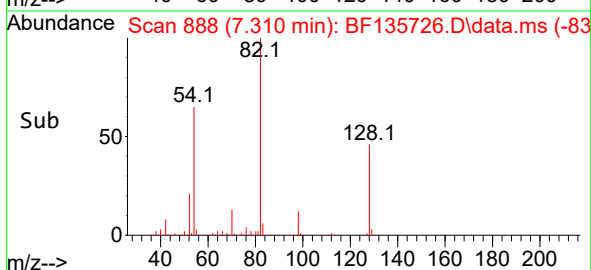
Tgt Ion:136 Resp: 361246
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 10.6 7.7 11.5
68 6.1 4.6 6.8

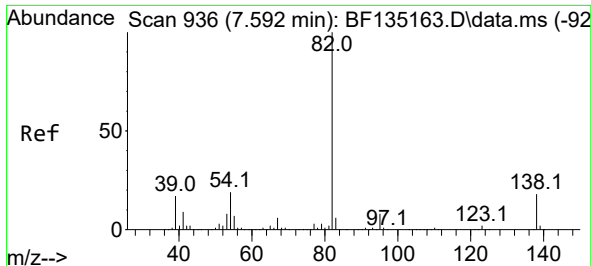


#23
Nitrobenzene-d5
Concen: 105.519 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF135726.D
Acq: 12 Oct 2023 10:43



Tgt Ion: 82 Resp: 701617
Ion Ratio Lower Upper
82 100
128 45.8 35.8 53.6
54 64.6 50.6 76.0

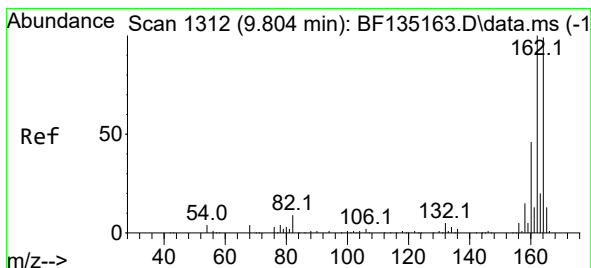
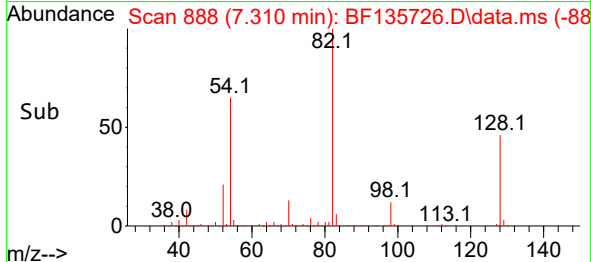
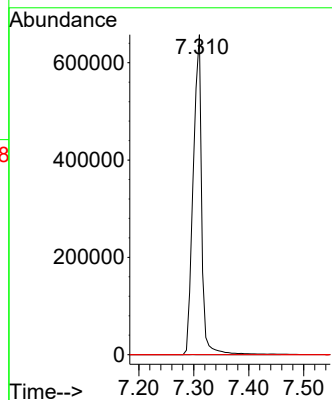
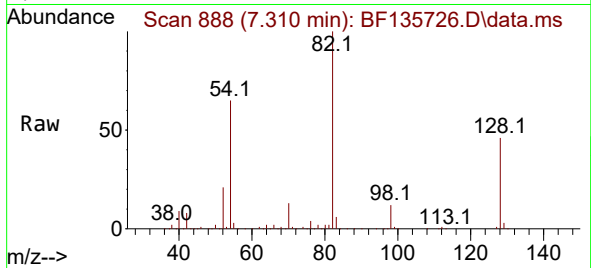




#25
Isophorone
Concen: 57.464 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.253 min
Lab File: BF135726.D
Acq: 12 Oct 2023 10:43

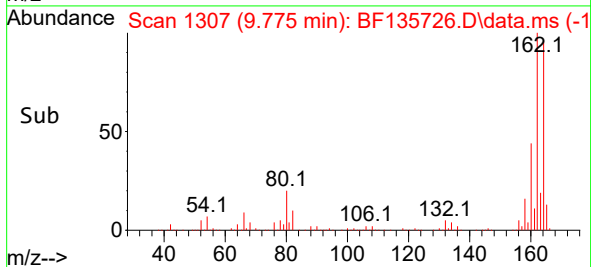
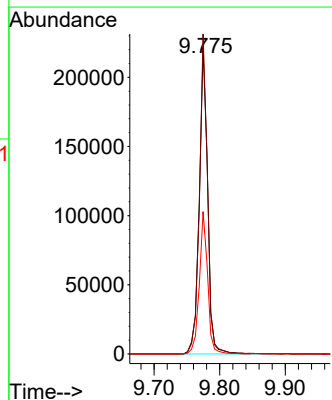
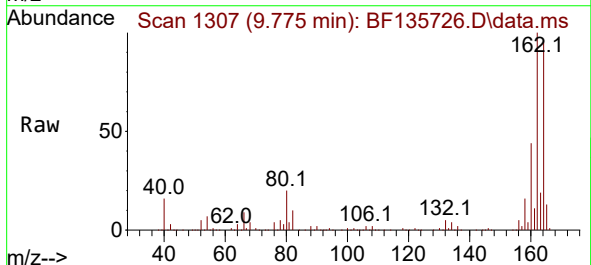
Instrument :
BNA_F
ClientSampleId :
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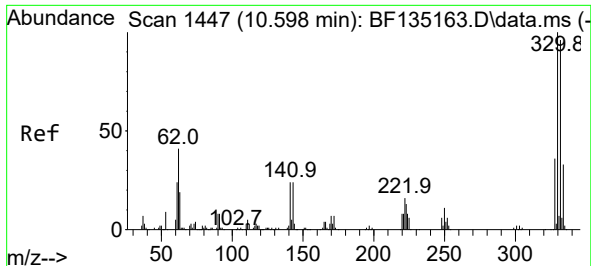
Tgt Ion: 82 Resp: 701617
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF135726.D
Acq: 12 Oct 2023 10:43

Tgt Ion:164 Resp: 198310
Ion Ratio Lower Upper
164 100
162 104.6 81.0 121.4
160 46.5 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 156.655 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.000 min

Lab File: BF135726.D

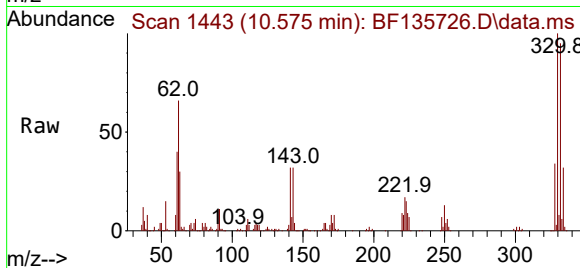
Acq: 12 Oct 2023 10:43

Instrument :

BNA_F

ClientSampleId :

PB156073BL



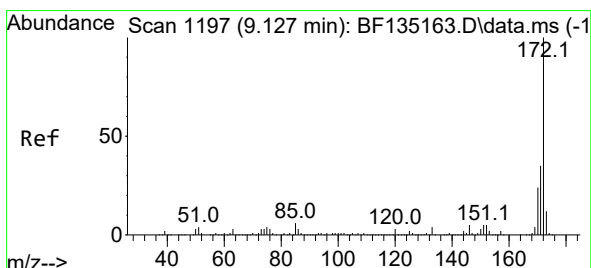
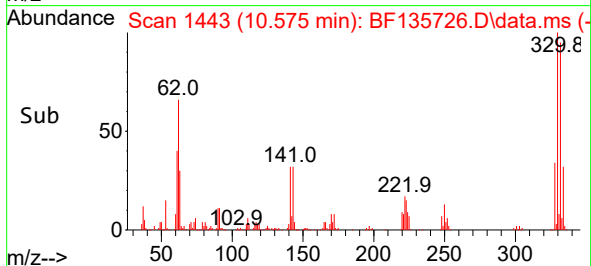
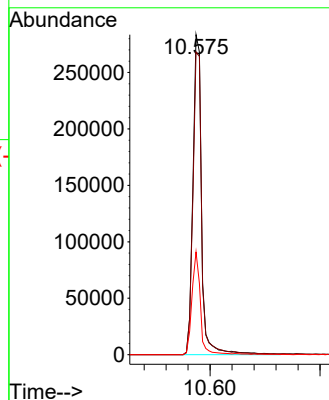
Tgt Ion:330 Resp: 308724

Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

141 30.9 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 98.962 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF135726.D

Acq: 12 Oct 2023 10:43

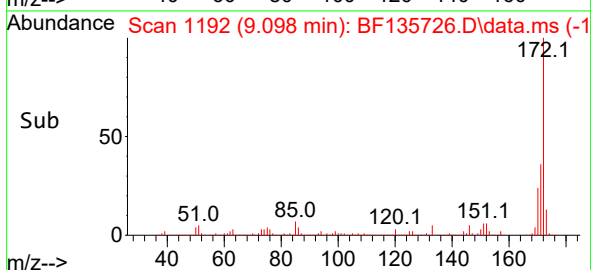
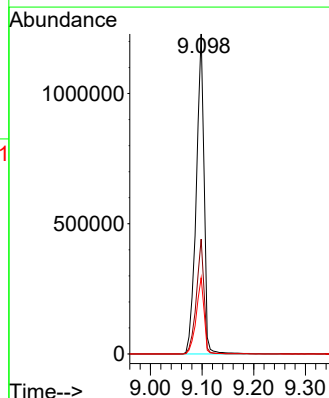
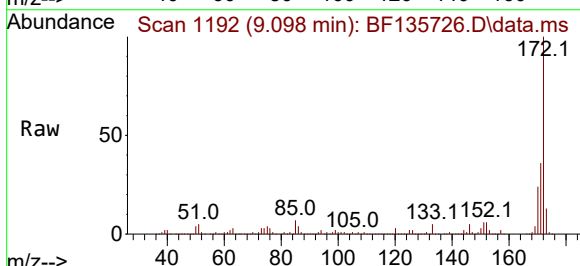
Tgt Ion:172 Resp: 1300784

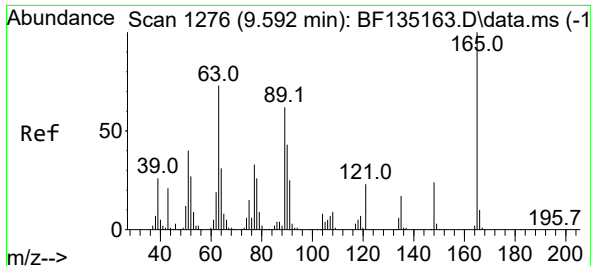
Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 23.8 19.0 28.4

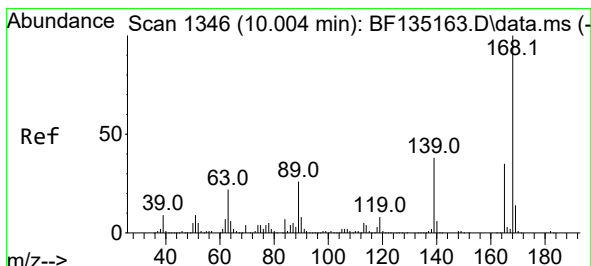
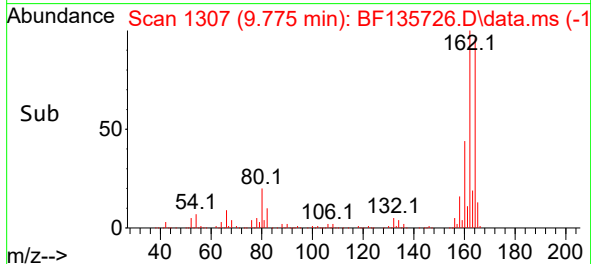
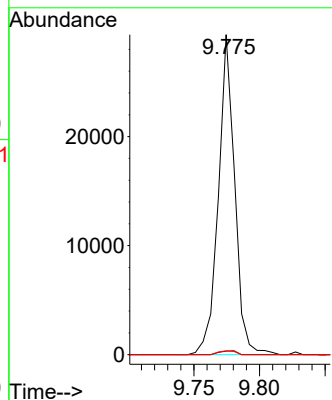
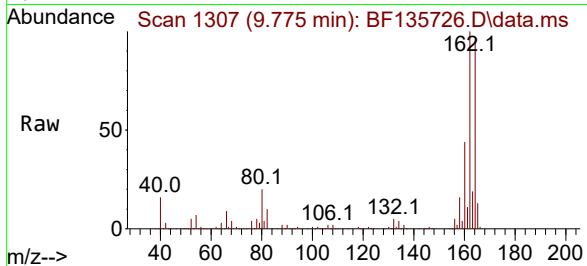




#51
2,6-Dinitrotoluene
Concen: 8.656 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF135726.D
Acq: 12 Oct 2023 10:43

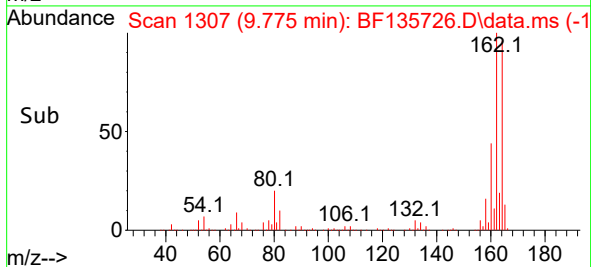
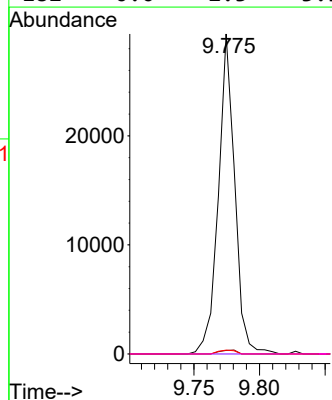
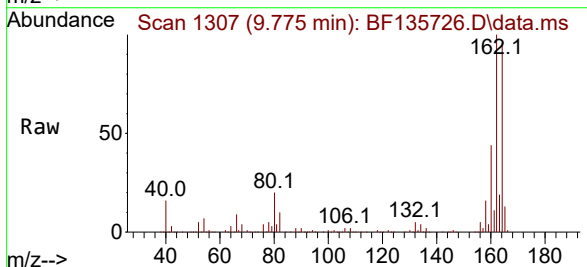
Instrument :
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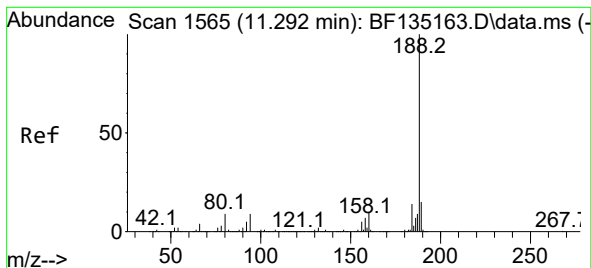
Tgt Ion:165 Resp: 25424
Ion Ratio Lower Upper
165 100
63 1.1 59.4 89.2#
89 1.2 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 6.914 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.218 min
Lab File: BF135726.D
Acq: 12 Oct 2023 10:43

Tgt Ion:165 Resp: 25424
Ion Ratio Lower Upper
165 100
63 1.1 50.1 75.1#
89 1.2 59.3 88.9#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.274 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135726.D

Acq: 12 Oct 2023 10:43

Instrument :

BNA_F

ClientSampleId :

PB156073BL

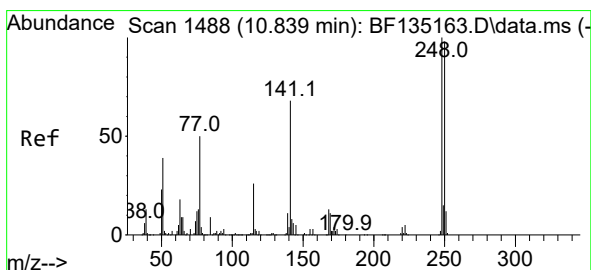
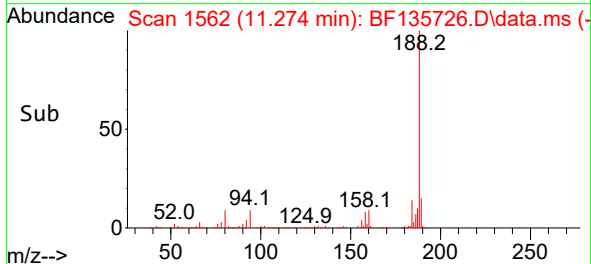
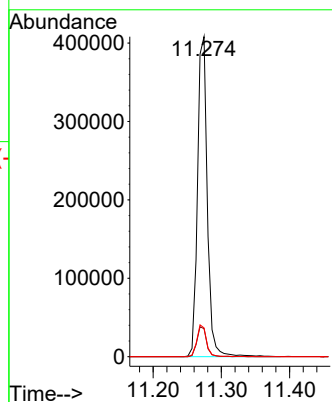
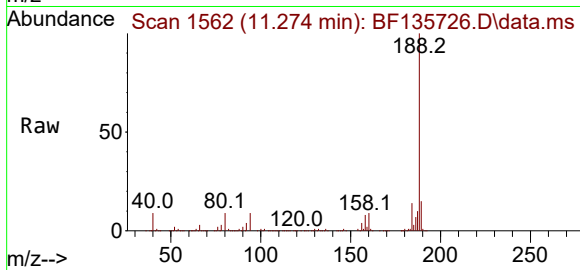
Tgt Ion:188 Resp: 408846

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.6

80 9.0 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 4.403 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.241 min

Lab File: BF135726.D

Acq: 12 Oct 2023 10:43

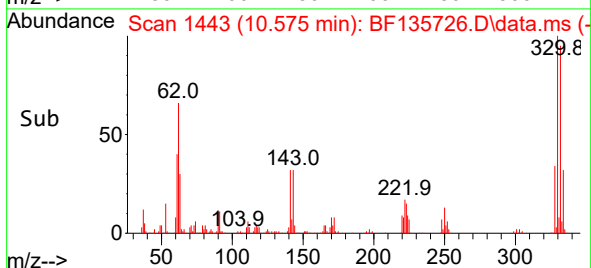
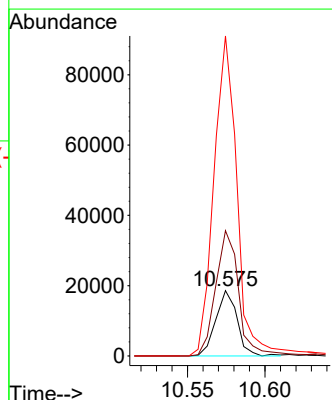
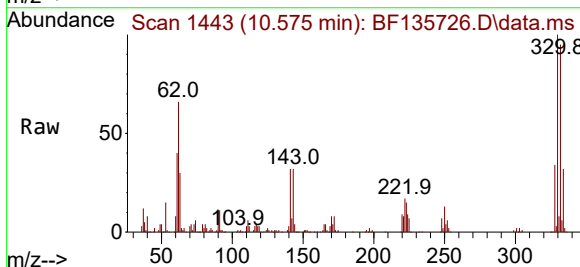
Tgt Ion:248 Resp: 17902

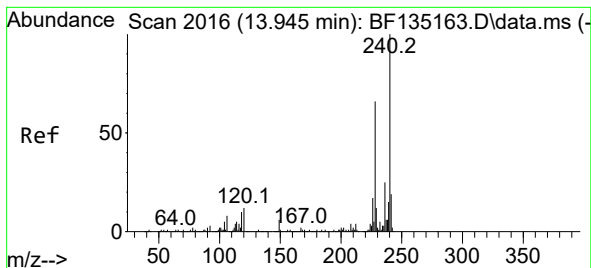
Ion Ratio Lower Upper

248 100

250 191.9 78.6 117.8#

141 490.3 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135726.D

Acq: 12 Oct 2023 10:43

Instrument :

BNA_F

ClientSampleId :

PB156073BL

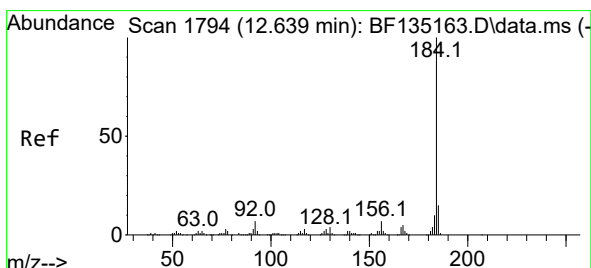
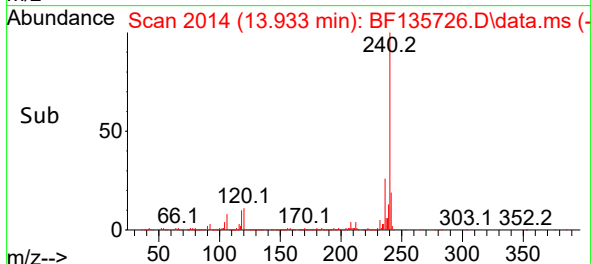
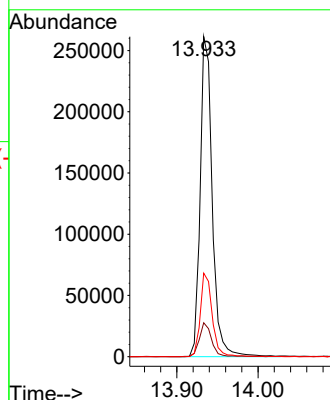
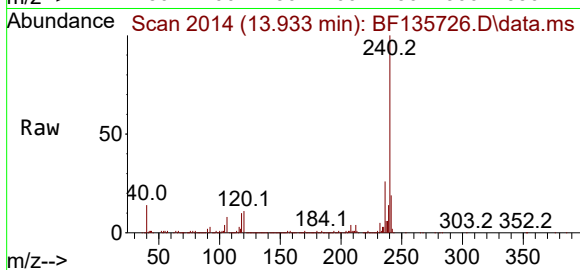
Tgt Ion:240 Resp: 271089

Ion Ratio Lower Upper

240 100

120 10.6 9.4 14.2

236 26.1 19.8 29.8



#77

Benzidine

Concen: 3.363 ng

RT: 12.874 min Scan# 1834

Delta R.T. 0.247 min

Lab File: BF135726.D

Acq: 12 Oct 2023 10:43

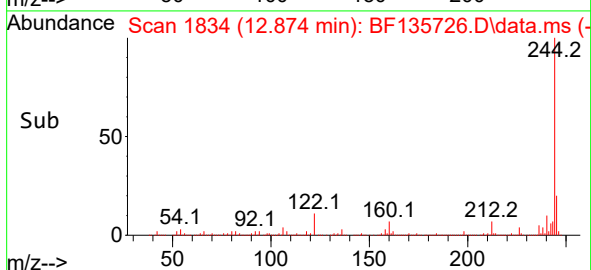
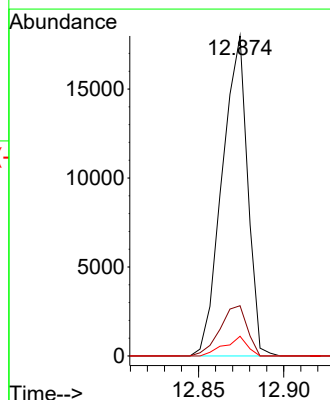
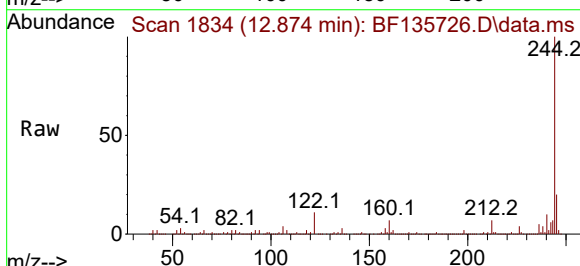
Tgt Ion:184 Resp: 18679

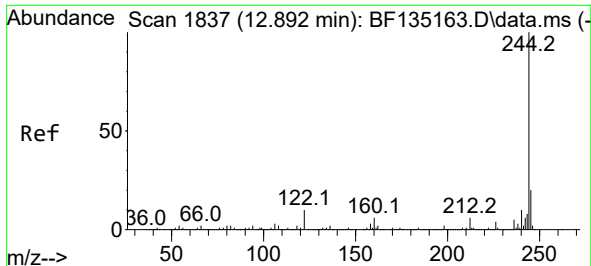
Ion Ratio Lower Upper

184 100

185 15.7 11.7 17.5

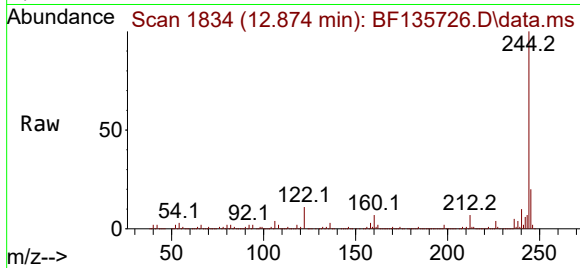
183 6.2 8.2 12.4#



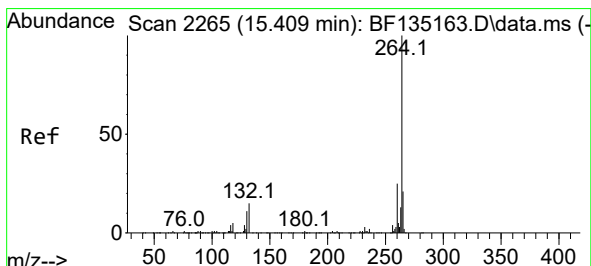
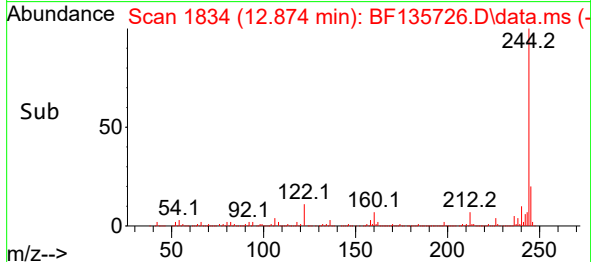
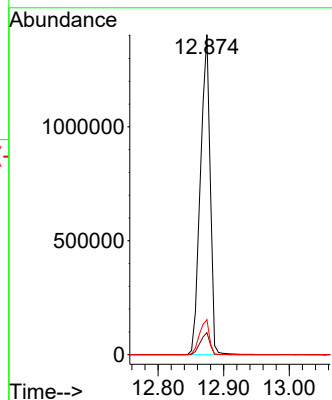


#79
 Terphenyl-d14
 Concen: 83.393 ng
 RT: 12.874 min Scan# 1834
 Delta R.T. 0.006 min
 Lab File: BF135726.D
 Acq: 12 Oct 2023 10:43

Instrument :
 BNA_F
 ClientSampleId :
 PB156073BL



Tgt Ion:244 Resp: 1458327
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 10.9 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. 0.006 min
 Lab File: BF135726.D
 Acq: 12 Oct 2023 10:43

Tgt Ion:264 Resp: 193900
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.8 29.6
 265 21.4 17.0 25.4

