

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
 Data File : BF135781.D
 Acq On : 16 Oct 2023 17:40
 Operator : CG\JU
 Sample : PB156184BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156184BL

Quant Time: Oct 17 01:56:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

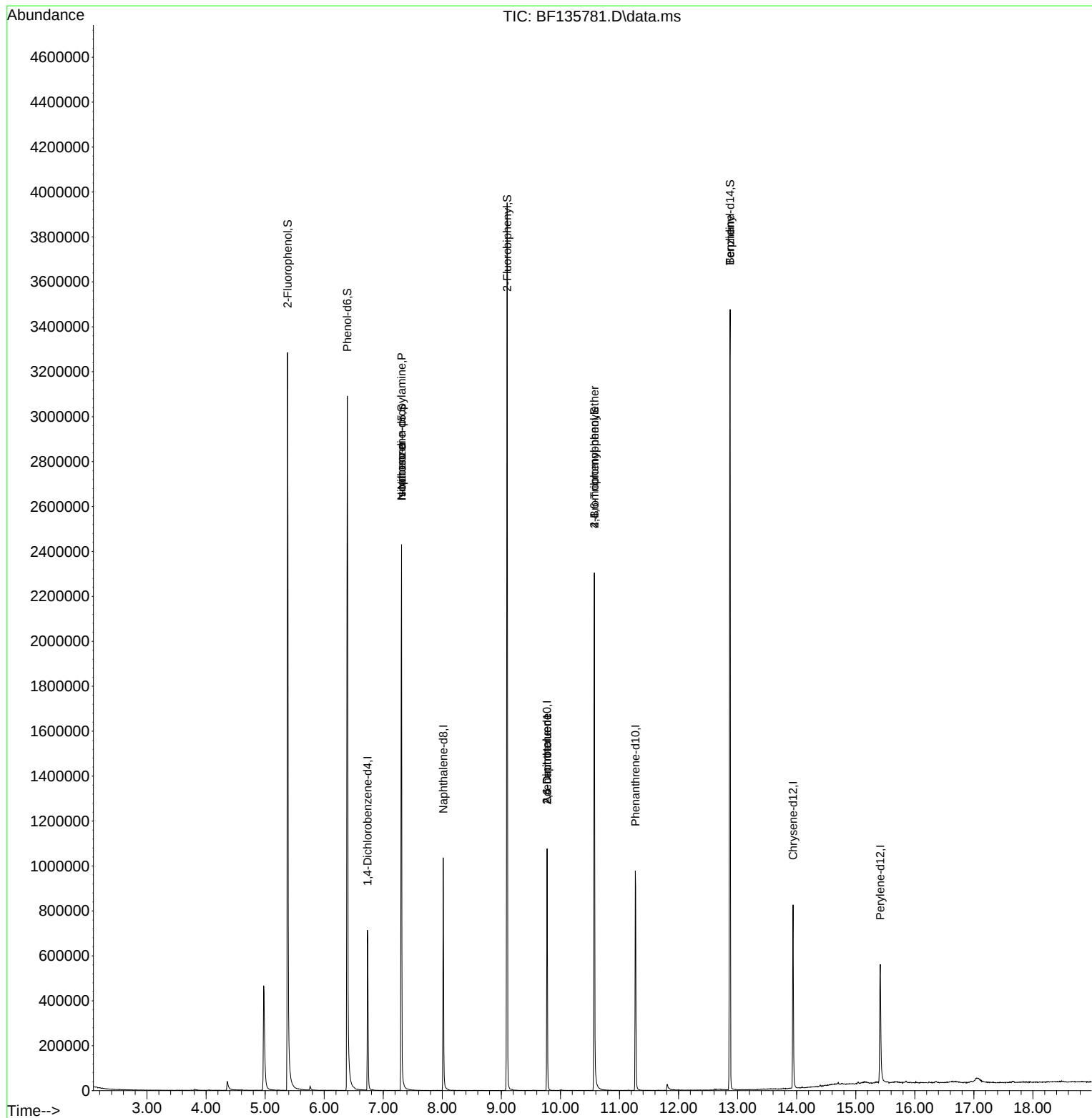
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	111122	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	433267	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	205631	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	401954	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	296819	20.000	ng	-0.01
86) Perylene-d12	15.415	264	279829	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	958589	138.692	ng	0.00
7) Phenol-d6	6.392	99	1162553	134.807	ng	0.00
23) Nitrobenzene-d5	7.310	82	731813	92.897	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	281440	142.632	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	1210951	92.074	ng	0.00
79) Terphenyl-d14	12.874	244	1368036	85.354	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.310	70	99922	18.739	ng	# 75
25) Isophorone	7.310	82	731879	49.246	ng	# 66
51) 2,6-Dinitrotoluene	9.775	165	26028	8.719	ng	# 16
57) 2,4-Dinitrotoluene	9.775	165	26028	6.854	ng	# 23
67) 4-Bromophenyl-phenylether	10.575	248	17715	4.390	ng	# 1
77) Benzidine	12.874	184	16540	2.554	ng	# 90

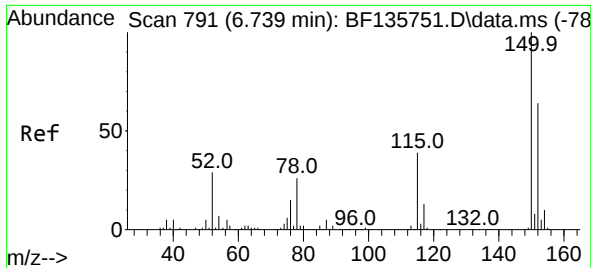
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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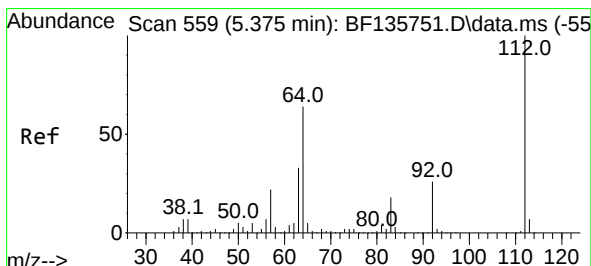
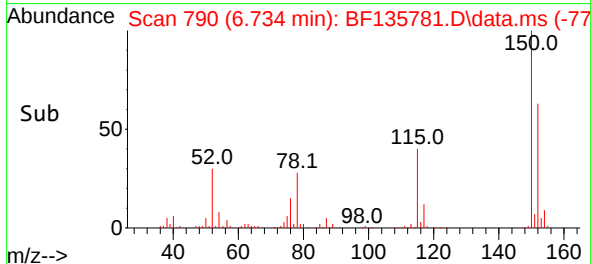
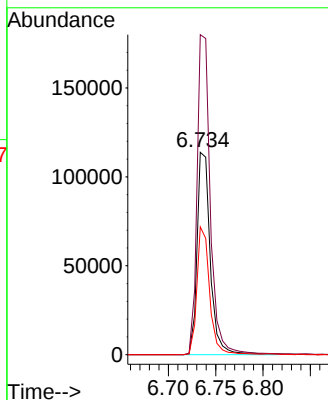
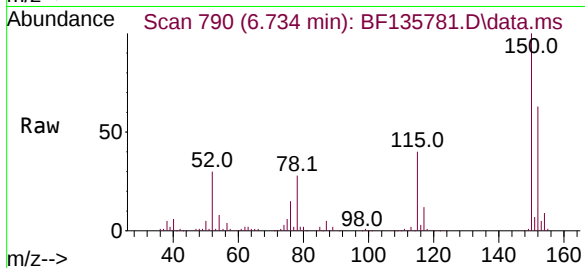




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 791
Delta R.T. -0.012 min
Lab File: BF135781.D
Acq: 16 Oct 2023 17:40

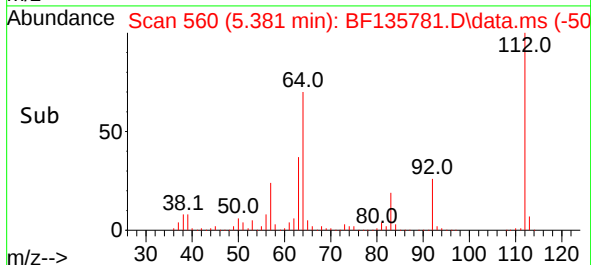
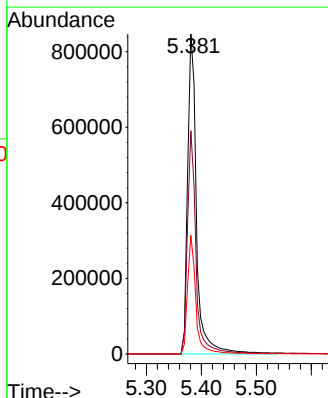
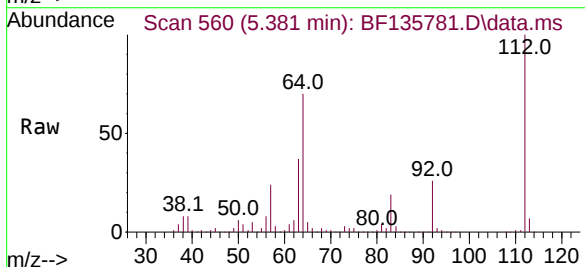
Instrument :
BNA_F
ClientSampleId :
PB156184BL

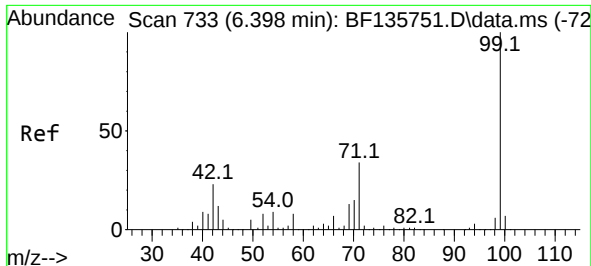
Tgt Ion:152 Resp: 111122
Ion Ratio Lower Upper
152 100
150 158.1 124.5 186.7
115 63.2 49.0 73.4



#5
2-Fluorophenol
Concen: 138.692 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.006 min
Lab File: BF135781.D
Acq: 16 Oct 2023 17:40

Tgt Ion:112 Resp: 958589
Ion Ratio Lower Upper
112 100
64 69.7 51.2 76.8
63 37.0 26.1 39.1

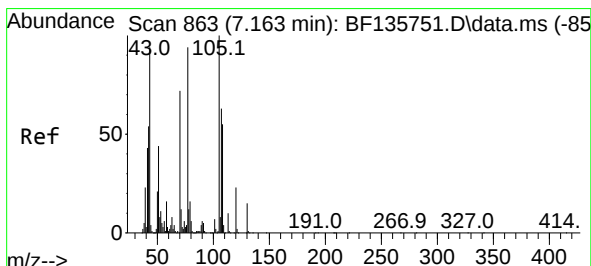
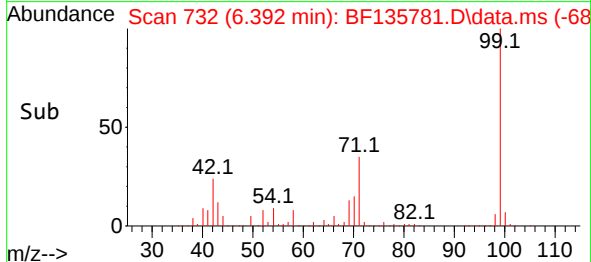
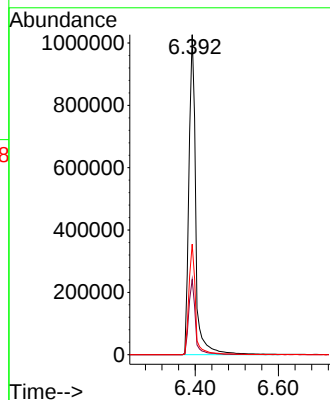
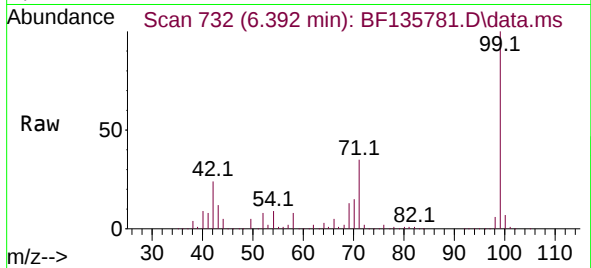




#7
Phenol-d6
Concen: 134.807 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135781.D
Acq: 16 Oct 2023 17:40

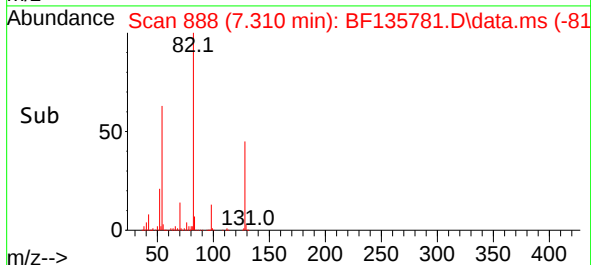
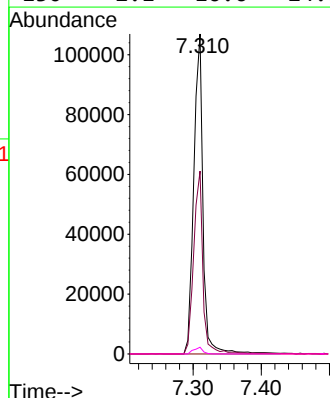
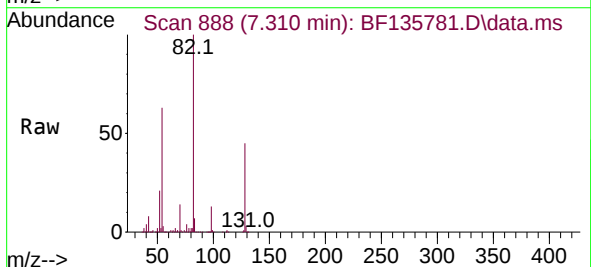
Instrument :
BNA_F
ClientSampleId :
PB156184BL

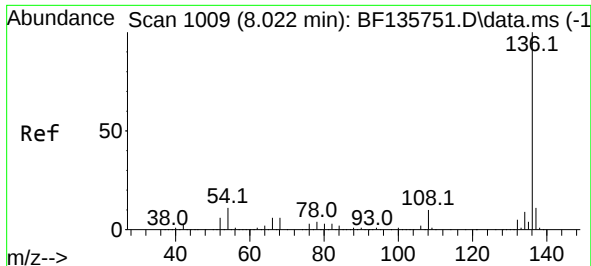
Tgt Ion: 99 Resp: 1162553
Ion Ratio Lower Upper
99 100
42 23.5 18.4 27.6
71 34.6 27.2 40.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.739 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.147 min
Lab File: BF135781.D
Acq: 16 Oct 2023 17:40

Tgt Ion: 70 Resp: 99922
Ion Ratio Lower Upper
70 100
42 57.2 59.8 89.6#
101 0.0 7.4 11.2#
130 2.1 16.6 24.8#

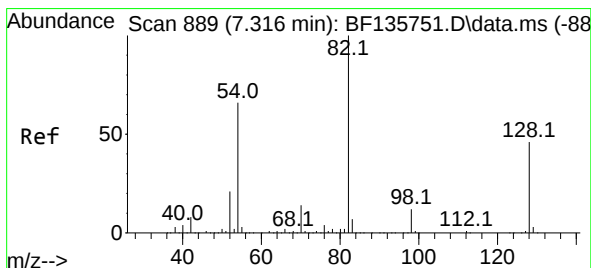
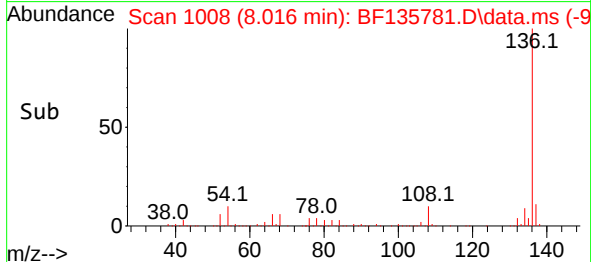
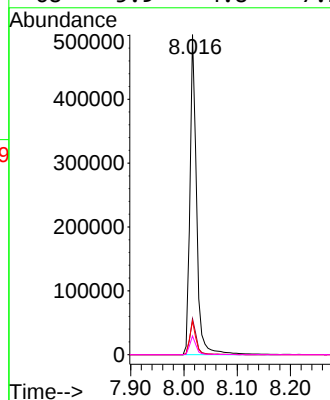
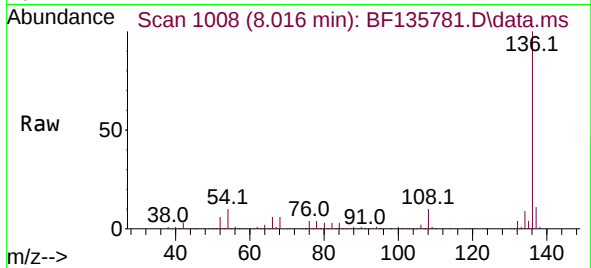




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135781.D
Acq: 16 Oct 2023 17:40

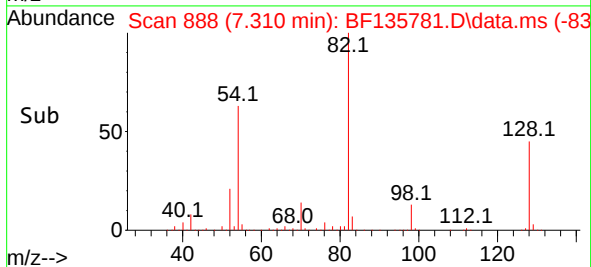
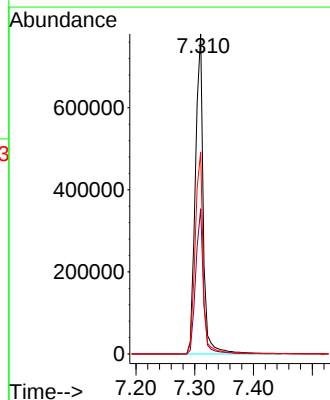
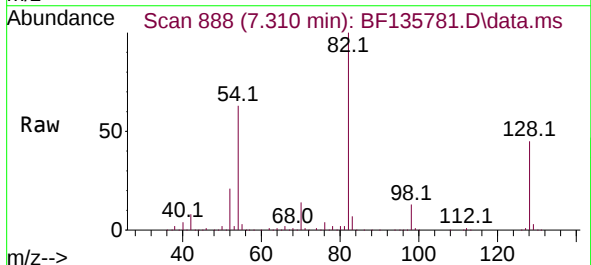
Instrument :
BNA_F
ClientSampleId :
PB156184BL

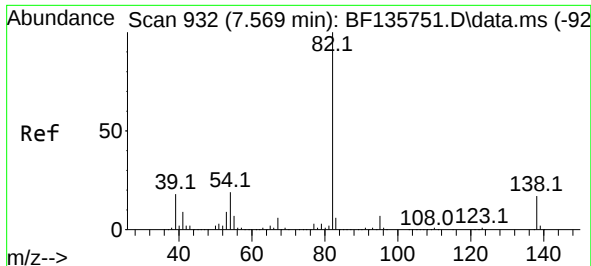
Tgt Ion:136 Resp: 433267
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 10.5 8.5 12.7
68 5.9 4.8 7.2



#23
Nitrobenzene-d5
Concen: 92.897 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF135781.D
Acq: 16 Oct 2023 17:40

Tgt Ion: 82 Resp: 731813
Ion Ratio Lower Upper
82 100
128 45.4 37.0 55.6
54 63.1 52.8 79.2

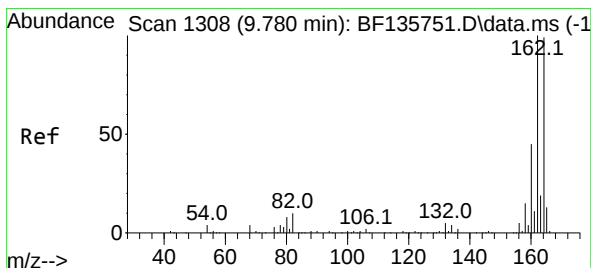
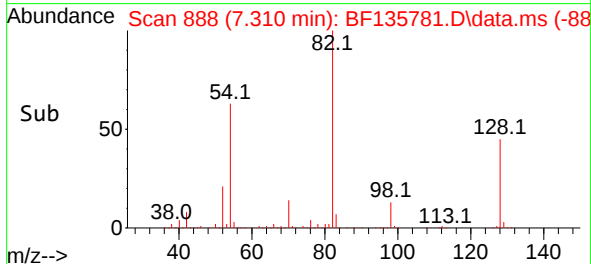
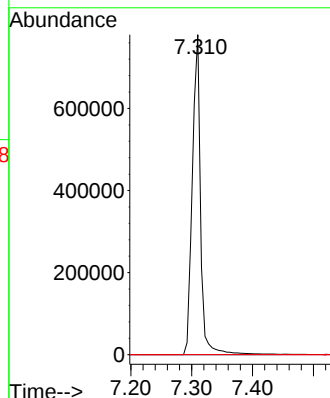
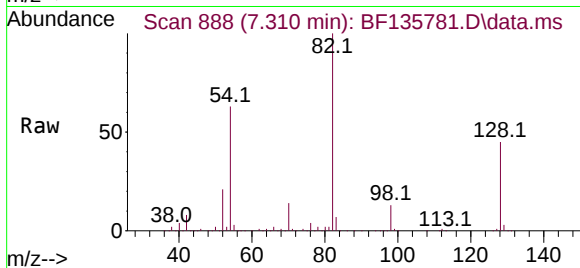




#25
Isophorone
Concen: 49.246 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135781.D
Acq: 16 Oct 2023 17:40

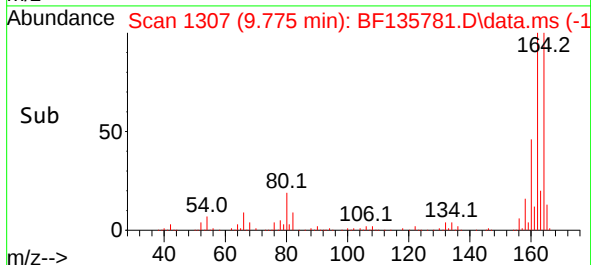
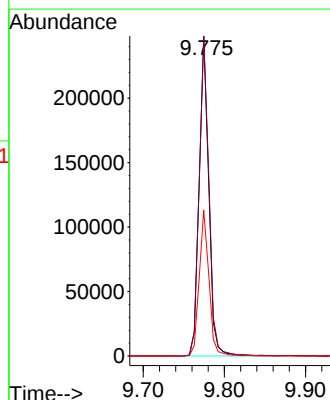
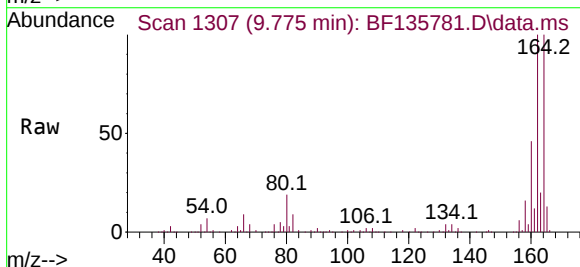
Instrument :
BNA_F
ClientSampleId :
PB156184BL

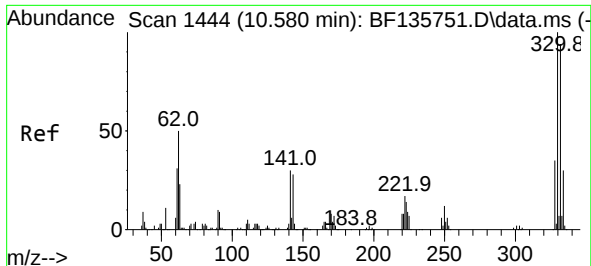
Tgt Ion: 82 Resp: 731879
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF135781.D
Acq: 16 Oct 2023 17:40

Tgt Ion: 164 Resp: 205631
Ion Ratio Lower Upper
164 100
162 100.0 80.8 121.2
160 45.6 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 142.632 ng

RT: 10.575 min Scan# 1444

Delta R.T. -0.012 min

Lab File: BF135781.D

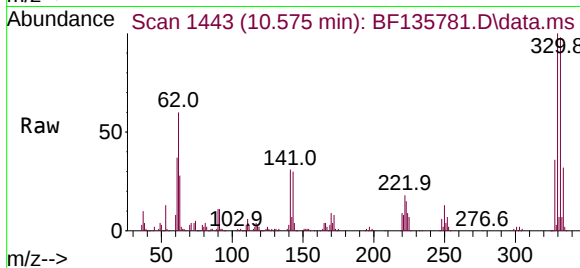
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Instrument :

BNA_F

ClientSampleId :

PB156184BL



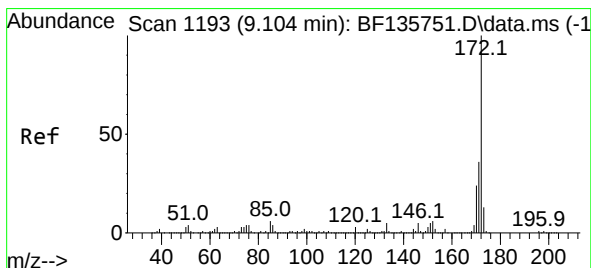
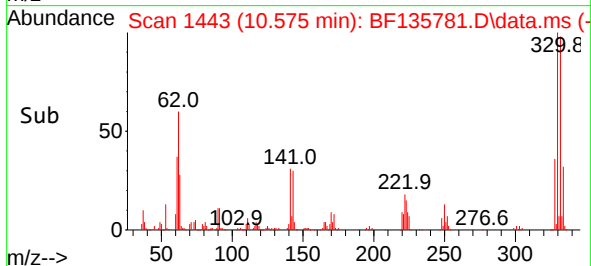
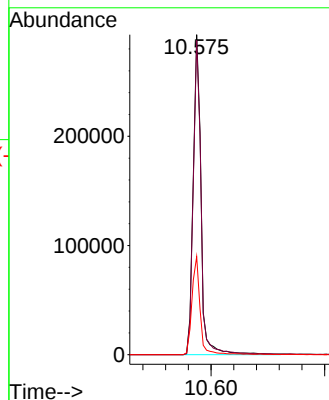
Tgt Ion:330 Resp: 281440

Ion Ratio Lower Upper

330 100

332 96.9 75.0 112.4

141 31.8 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 92.074 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF135781.D

Acq: 16 Oct 2023 17:40

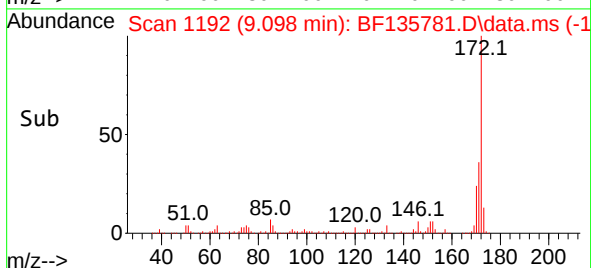
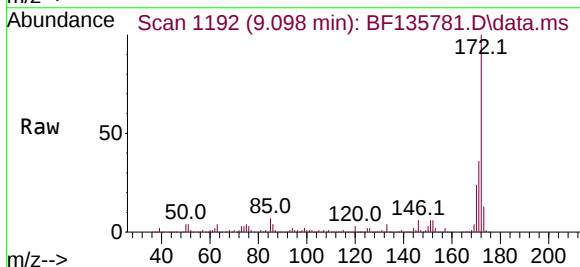
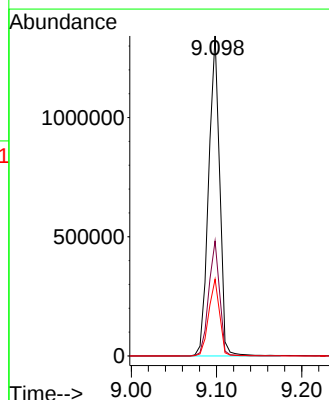
Tgt Ion:172 Resp: 1210951

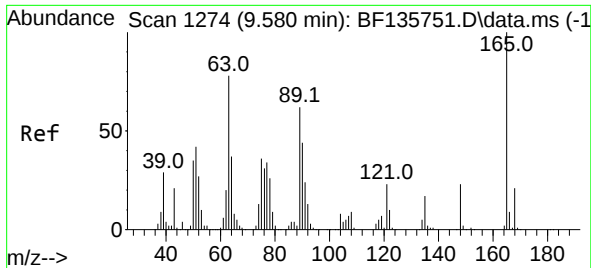
Ion Ratio Lower Upper

172 100

171 36.0 28.4 42.6

170 24.0 18.8 28.2

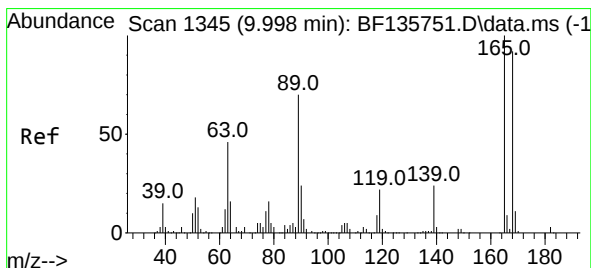
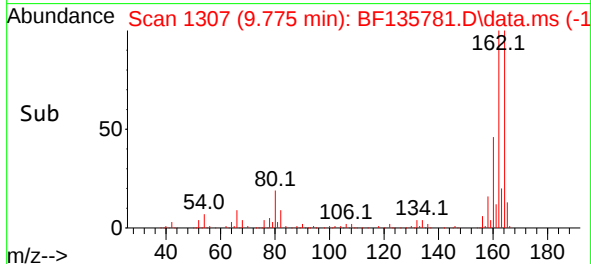
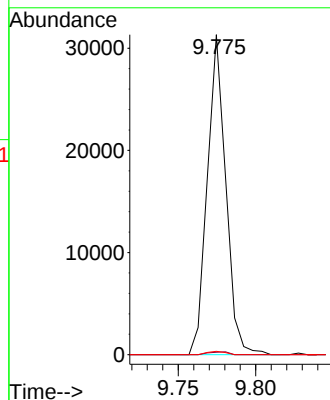
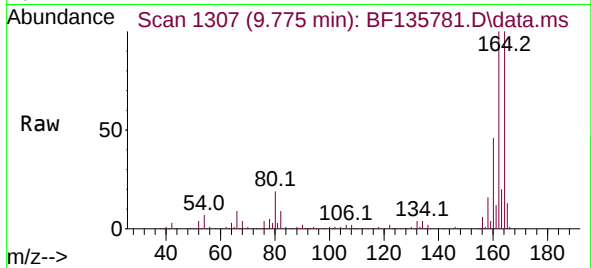




#51
2,6-Dinitrotoluene
Concen: 8.719 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF135781.D
Acq: 16 Oct 2023 17:40

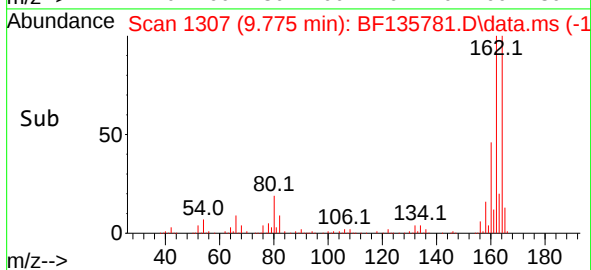
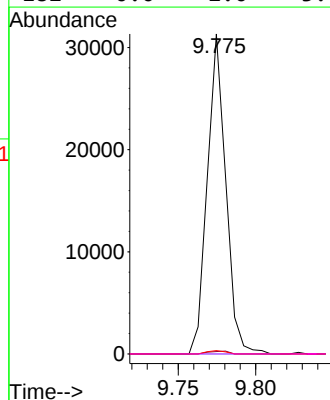
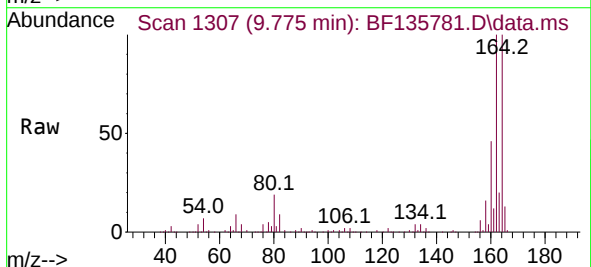
Instrument :
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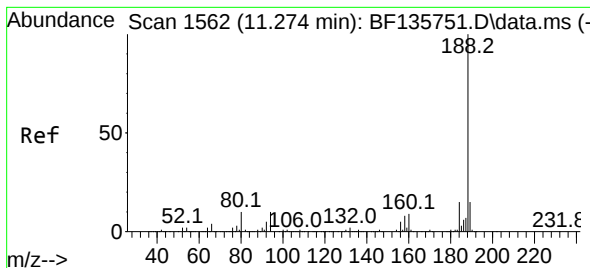
Tgt Ion:165 Resp: 26028
Ion Ratio Lower Upper
165 100
63 0.7 62.2 93.4#
89 1.1 49.6 74.4#



#57
2,4-Dinitrotoluene
Concen: 6.854 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.230 min
Lab File: BF135781.D
Acq: 16 Oct 2023 17:40

Tgt Ion:165 Resp: 26028
Ion Ratio Lower Upper
165 100
63 0.7 39.0 58.4#
89 1.1 55.9 83.9#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF135781.D

Acq: 16 Oct 2023 17:40

Instrument :

BNA_F

ClientSampleId :

PB156184BL

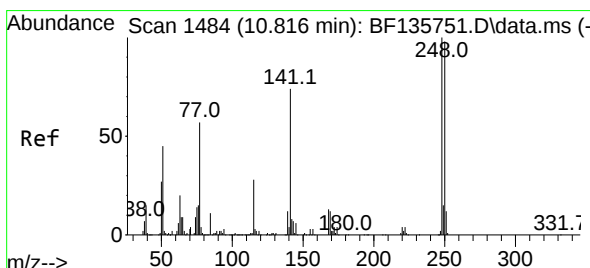
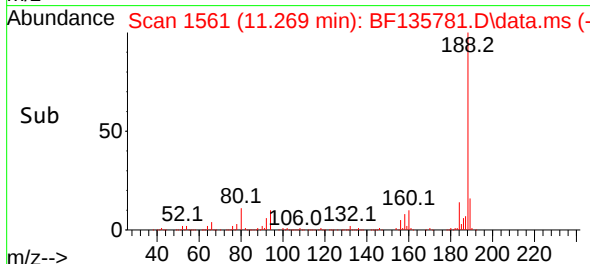
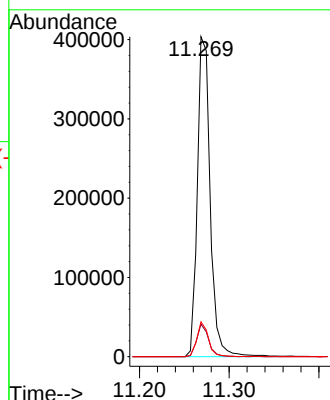
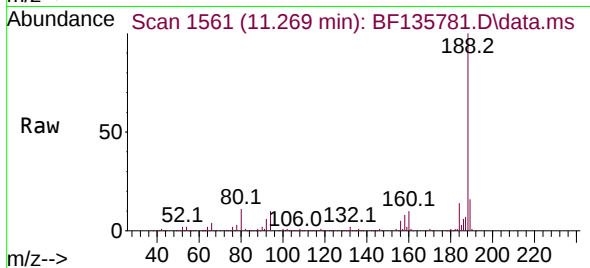
Tgt Ion:188 Resp: 401954

Ion Ratio Lower Upper

188 100

94 10.1 8.0 12.0

80 10.9 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 4.390 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.247 min

Lab File: BF135781.D

Acq: 16 Oct 2023 17:40

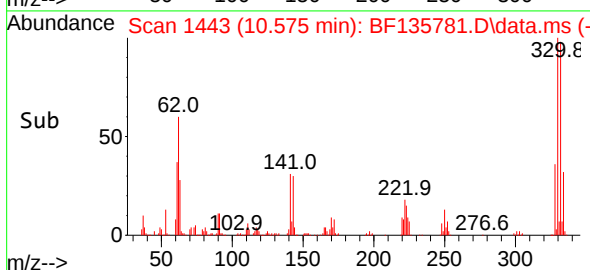
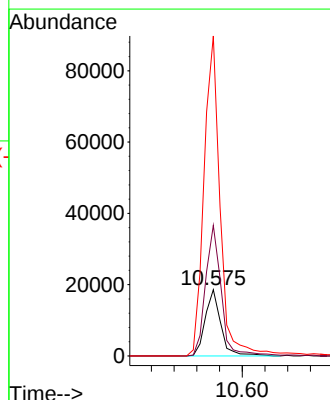
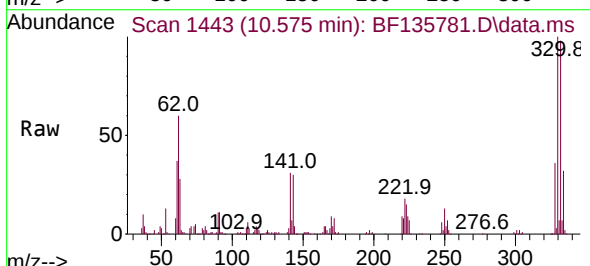
Tgt Ion:248 Resp: 17715

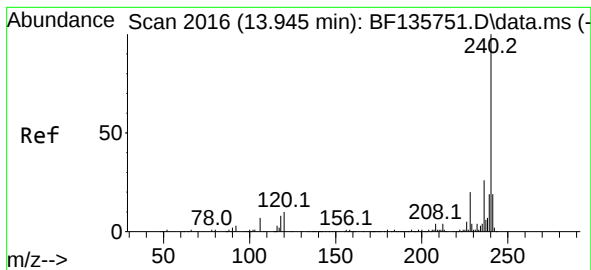
Ion Ratio Lower Upper

248 100

250 197.2 78.0 117.0#

141 483.0 59.0 88.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2016

Delta R.T. -0.012 min

Lab File: BF135781.D

Acq: 16 Oct 2023 17:40

Instrument :

BNA_F

ClientSampleId :

PB156184BL

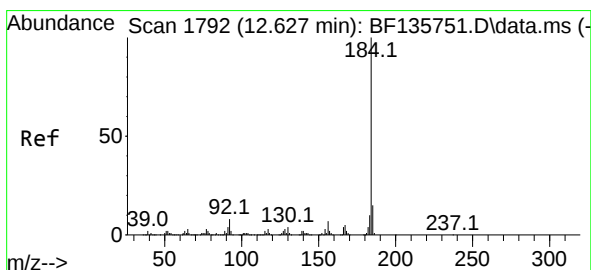
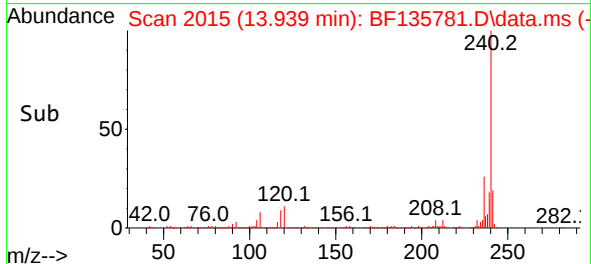
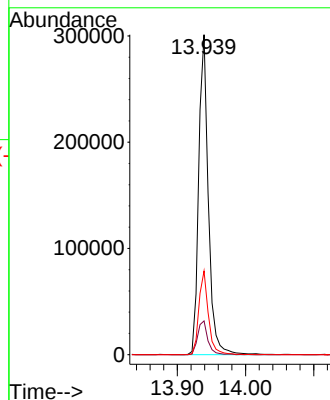
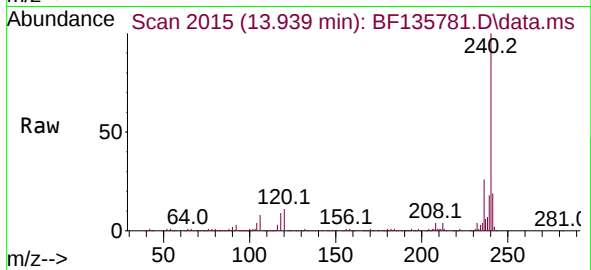
Tgt Ion:240 Resp: 296819

Ion Ratio Lower Upper

240 100

120 10.6 8.2 12.2

236 26.1 21.2 31.8



#77

Benzidine

Concen: 2.554 ng

RT: 12.874 min Scan# 1834

Delta R.T. 0.241 min

Lab File: BF135781.D

Acq: 16 Oct 2023 17:40

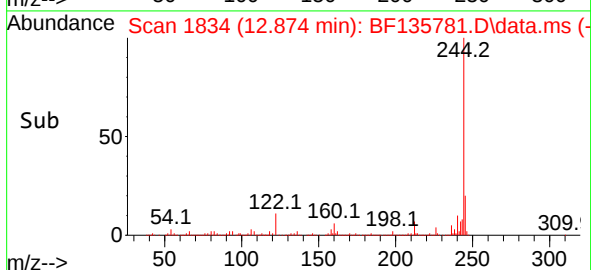
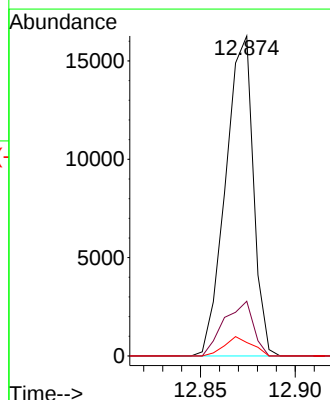
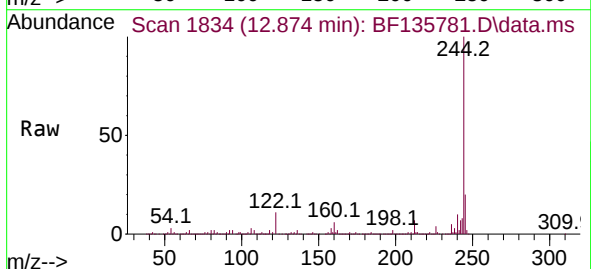
Tgt Ion:184 Resp: 16540

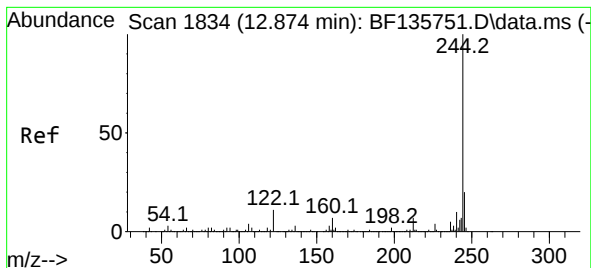
Ion Ratio Lower Upper

184 100

185 17.1 12.0 18.0

183 4.2 8.2 12.2#





#79

Terphenyl-d14

Concen: 85.354 ng

RT: 12.874 min Scan# 1834

Delta R.T. -0.006 min

Lab File: BF135781.D

Acq: 16 Oct 2023 17:40

Instrument :

BNA_F

ClientSampleId :

PB156184BL

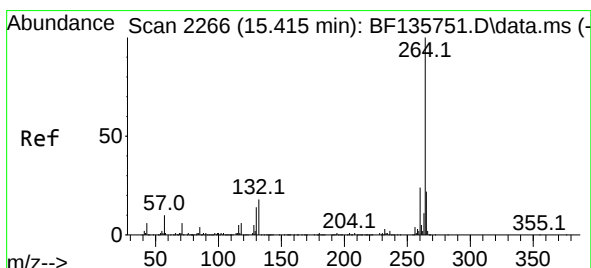
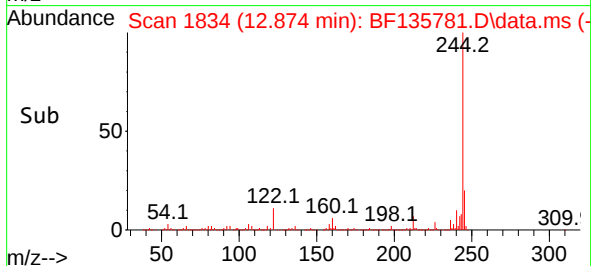
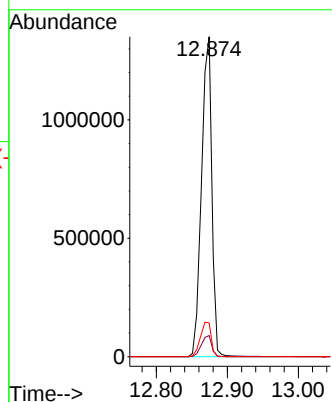
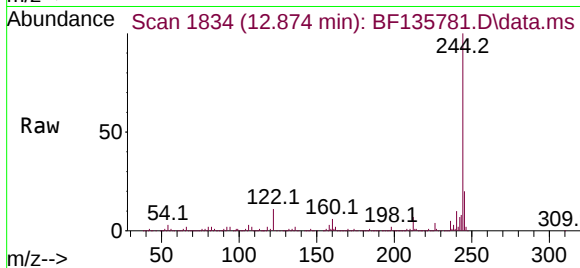
Tgt Ion:244 Resp: 1368036

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

122 10.5 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2266

Delta R.T. -0.006 min

Lab File: BF135781.D

Acq: 16 Oct 2023 17:40

Tgt Ion:264 Resp: 279829

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 22.3 17.4 26.2

