

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
 Data File : BF135857.D
 Acq On : 18 Oct 2023 20:23
 Operator : CG\JU
 Sample : PB156138BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156138BL

Quant Time: Oct 19 02:08:17 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)

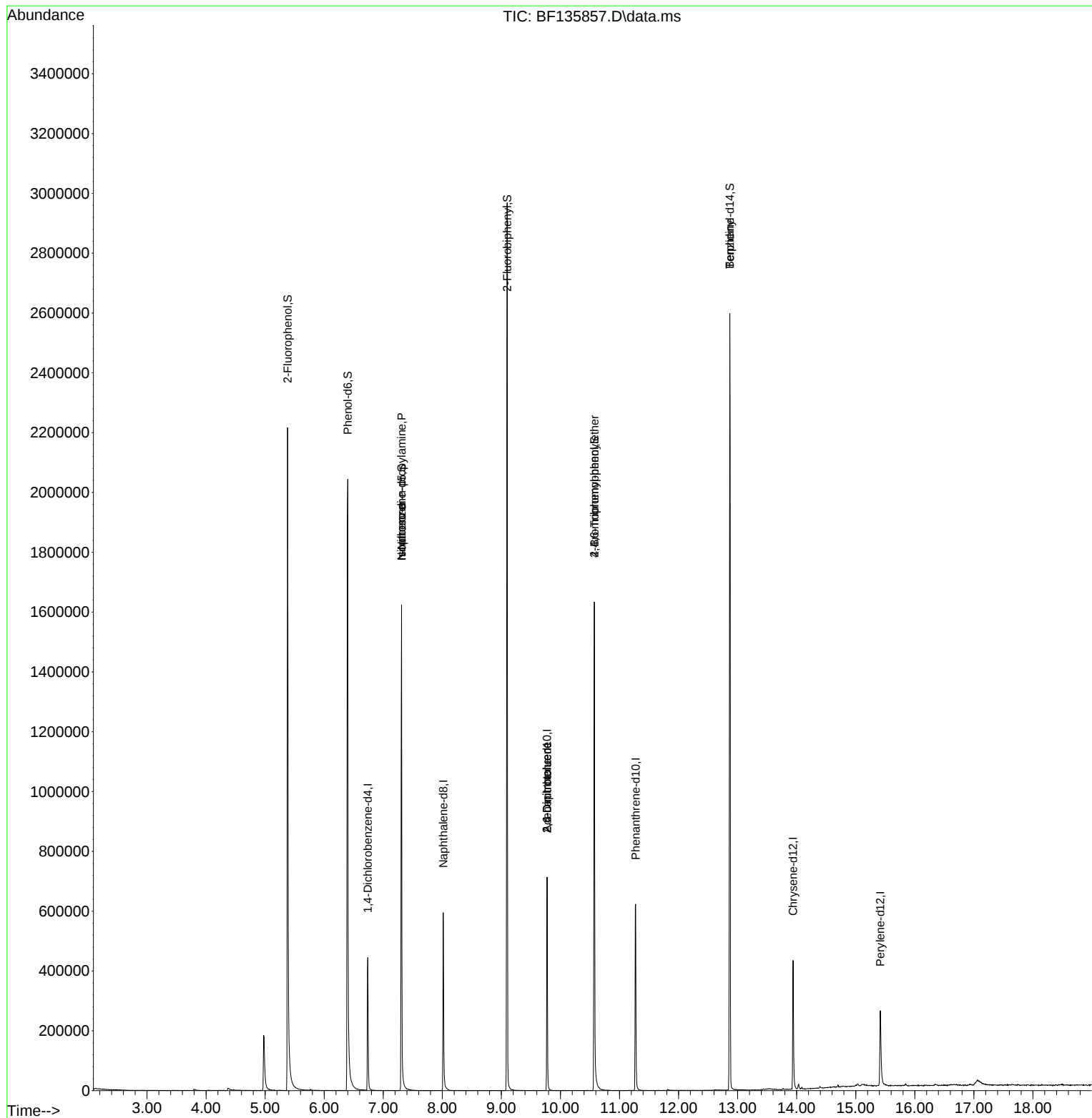
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	70459	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	272189	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	139425	20.000	ng	-0.01
64) Phenanthrene-d10	11.274	188	277049	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	161457	20.000	ng	-0.01
86) Perylene-d12	15.415	264	146129	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	630863	143.952	ng	0.00
7) Phenol-d6	6.398	99	776262	141.962	ng	0.00
23) Nitrobenzene-d5	7.310	82	481543	97.302	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	203839	152.358	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	880099	98.694	ng	0.00
79) Terphenyl-d14	12.868	244	978213	112.201	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.310	70	63811	18.873	ng	# 76
25) Isophorone	7.310	82	481543	51.576	ng	# 66
51) 2,6-Dinitrotoluene	9.774	165	17800	8.794	ng	# 16
57) 2,4-Dinitrotoluene	9.774	165	17800	6.913	ng	# 23
67) 4-Bromophenyl-phenylether	10.574	248	11714	4.212	ng	# 1
77) Benzidine	12.868	184	12565	3.566	ng	# 94

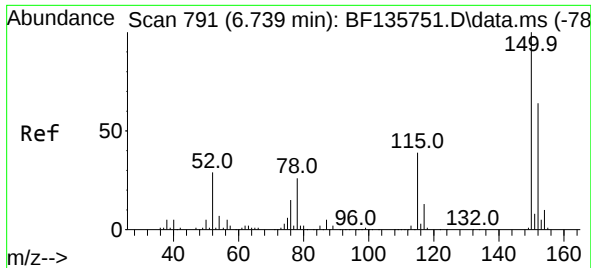
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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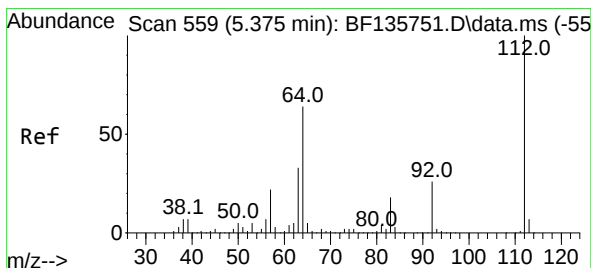
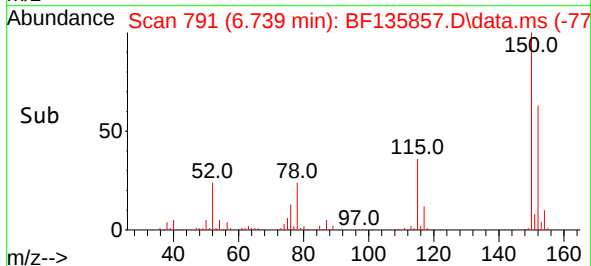
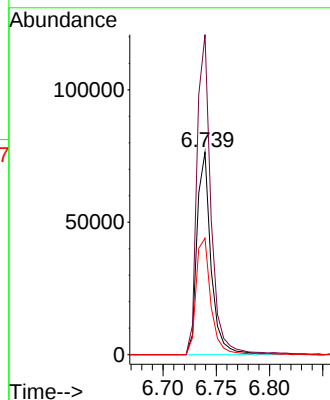
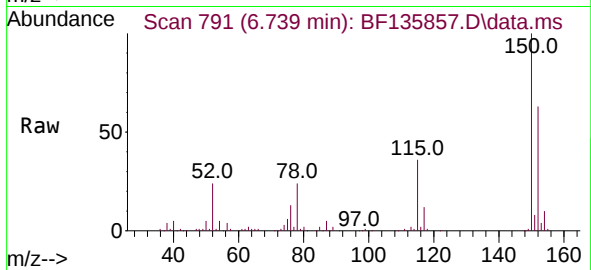




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.007 min
Lab File: BF135857.D
Acq: 18 Oct 2023 20:23

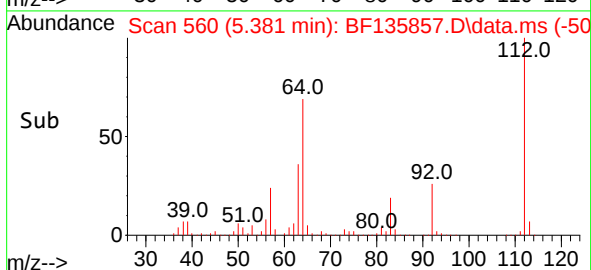
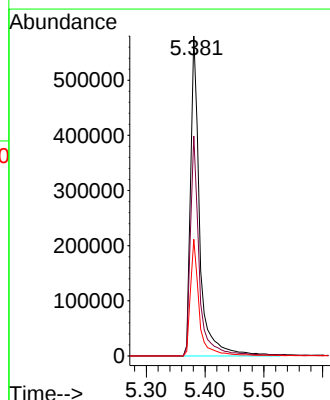
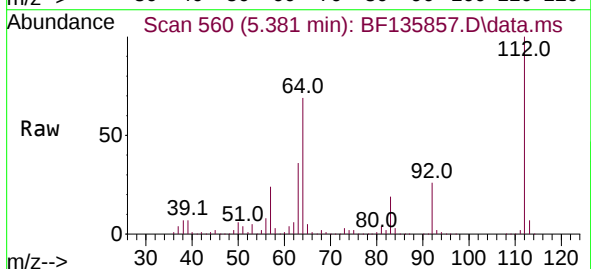
Instrument :
BNA_F
ClientSampleId :
PB156138BL

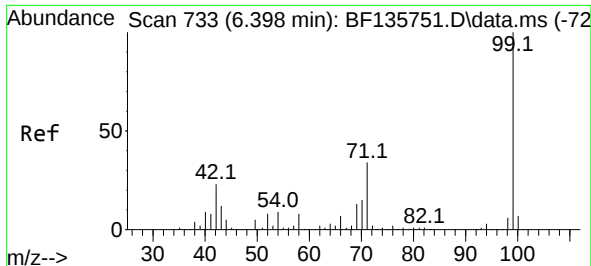
Tgt Ion:152 Resp: 70459
Ion Ratio Lower Upper
152 100
150 158.1 124.5 186.7
115 57.6 49.0 73.4



#5
2-Fluorophenol
Concen: 143.952 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.006 min
Lab File: BF135857.D
Acq: 18 Oct 2023 20:23

Tgt Ion:112 Resp: 630863
Ion Ratio Lower Upper
112 100
64 68.7 51.2 76.8
63 36.5 26.1 39.1

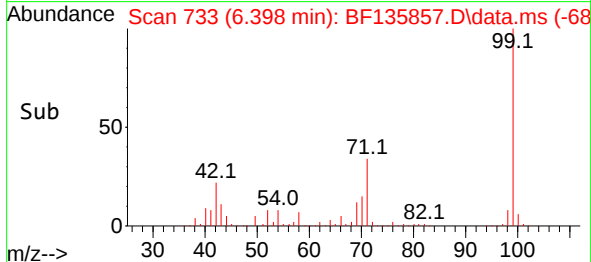
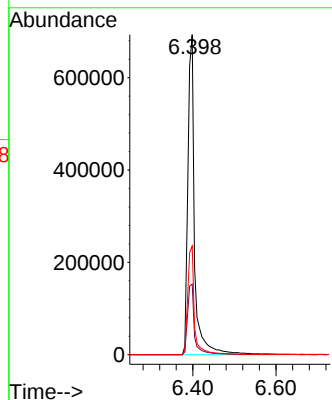
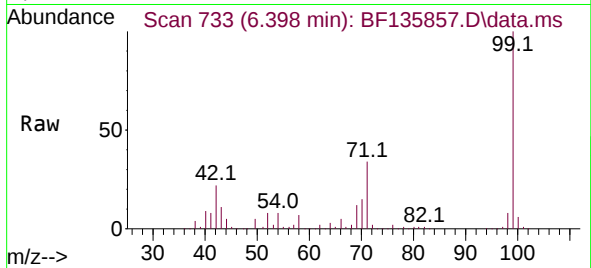




#7
Phenol-d6
Concen: 141.962 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135857.D
Acq: 18 Oct 2023 20:23

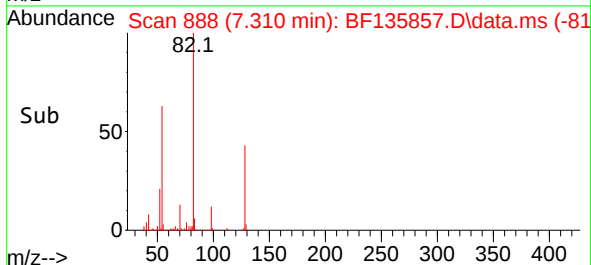
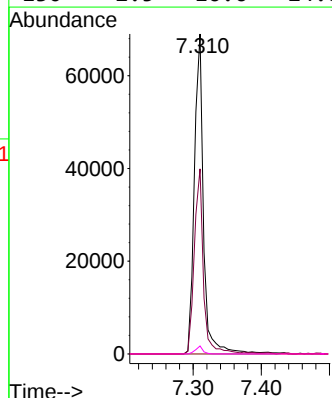
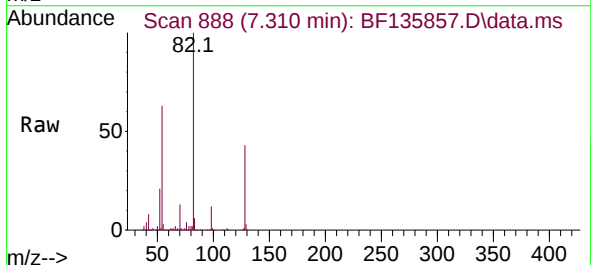
Instrument :
BNA_F
ClientSampleId :
PB156138BL

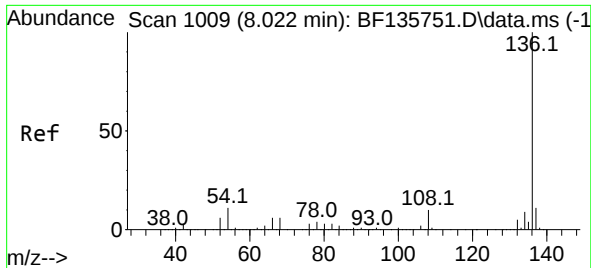
Tgt Ion: 99 Resp: 776262
Ion Ratio Lower Upper
99 100
42 22.0 18.4 27.6
71 34.0 27.2 40.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.873 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.147 min
Lab File: BF135857.D
Acq: 18 Oct 2023 20:23

Tgt Ion: 70 Resp: 63811
Ion Ratio Lower Upper
70 100
42 57.9 59.8 89.6#
101 0.0 7.4 11.2#
130 2.5 16.6 24.8#



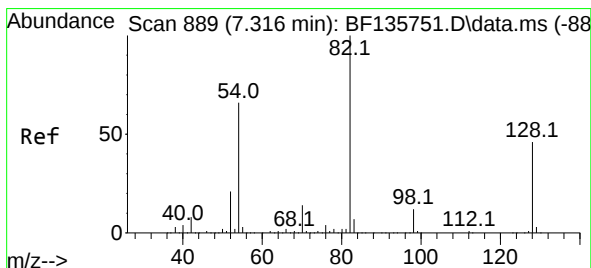
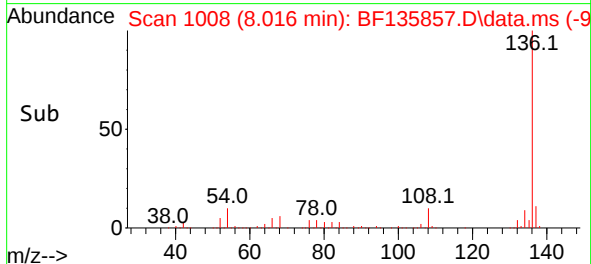
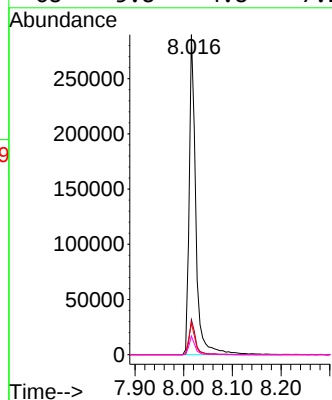
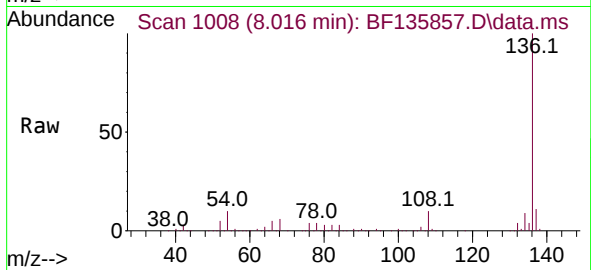


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135857.D
Acq: 18 Oct 2023 20:23

Instrument :
BNA_F
ClientSampleId :
PB156138BL

Tgt Ion:136 Resp: 272189

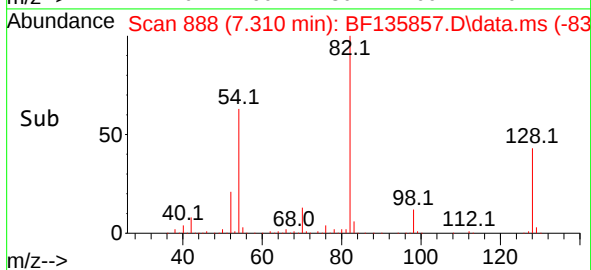
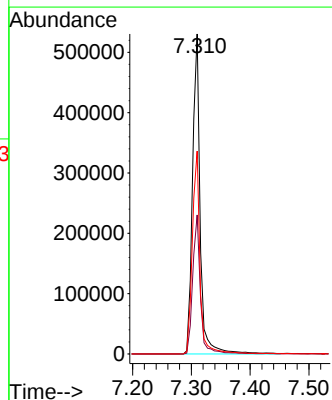
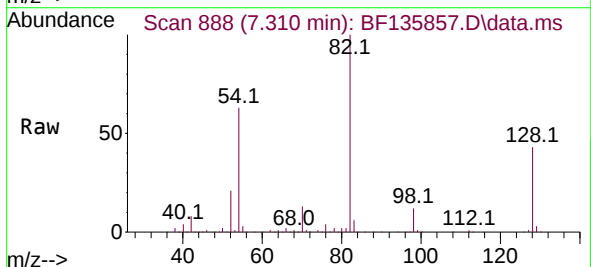
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	9.8	8.5	12.7
68	5.8	4.8	7.2



#23
Nitrobenzene-d5
Concen: 97.302 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF135857.D
Acq: 18 Oct 2023 20:23

Tgt Ion: 82 Resp: 481543

Ion	Ratio	Lower	Upper
82	100		
128	43.4	37.0	55.6
54	63.4	52.8	79.2

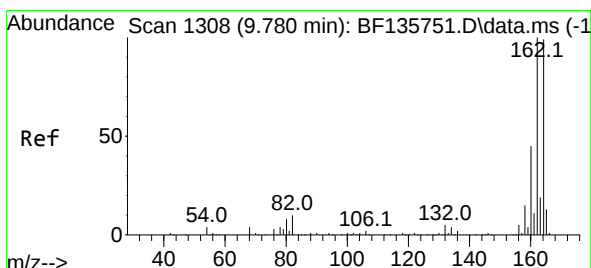
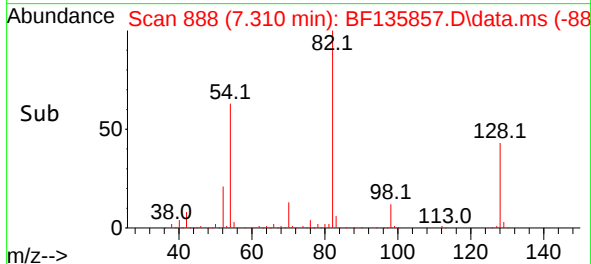
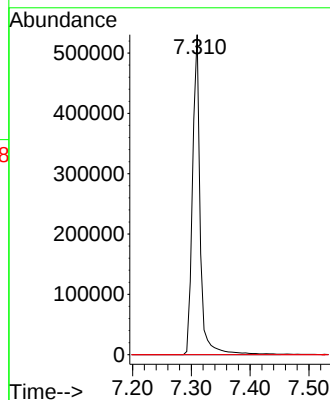
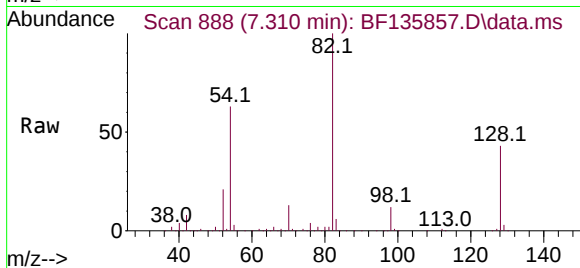




#25
Isophorone
Concen: 51.576 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135857.D
Acq: 18 Oct 2023 20:23

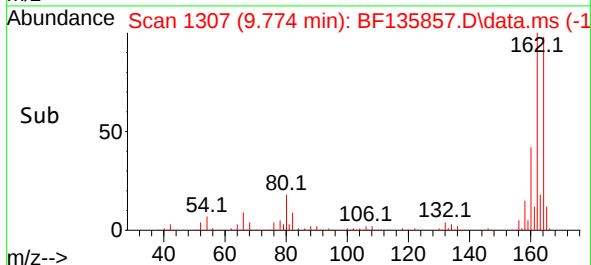
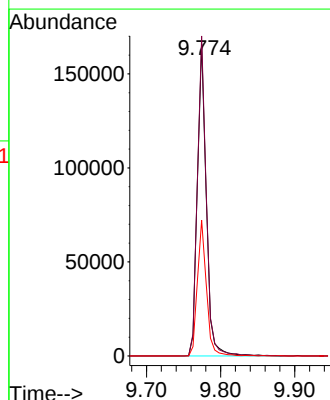
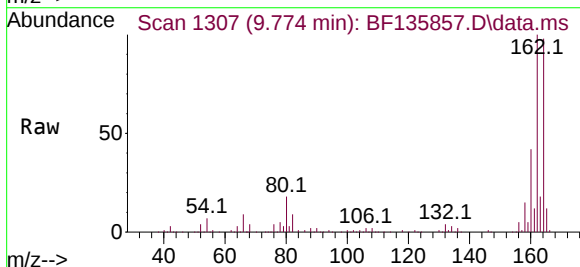
Instrument :
BNA_F
ClientSampleId :
PB156138BL

Tgt Ion: 82 Resp: 481543
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: 9.774 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF135857.D
Acq: 18 Oct 2023 20:23

Tgt Ion:164 Resp: 139425
Ion Ratio Lower Upper
164 100
162 102.5 80.8 121.2
160 43.5 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 152.358 ng

RT: 10.574 min Scan# 1443

Delta R.T. -0.012 min

Lab File: BF135857.D

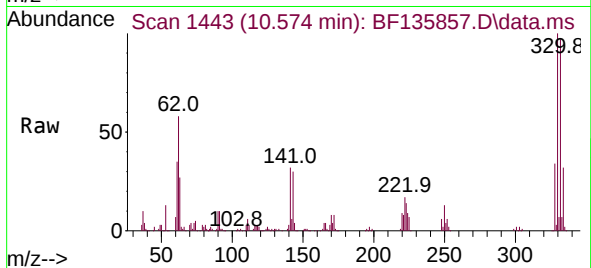
Acq: 18 Oct 2023 20:23

Instrument :

BNA_F

ClientSampleId :

PB156138BL



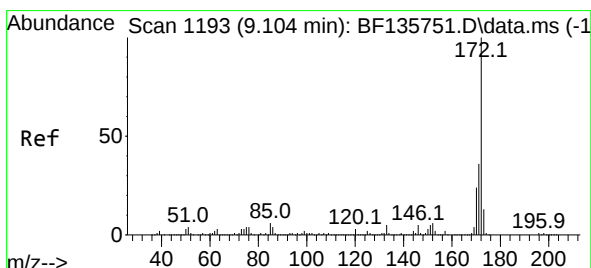
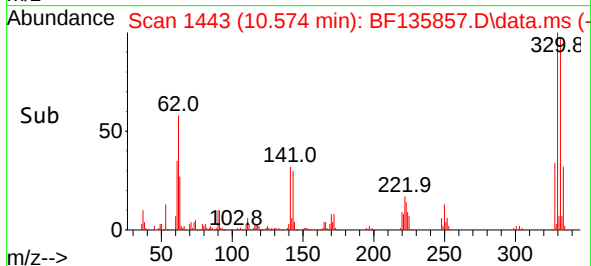
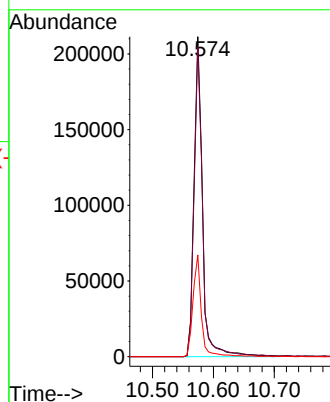
Tgt Ion:330 Resp: 203839

Ion Ratio Lower Upper

330 100

332 96.6 75.0 112.4

141 31.6 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 98.694 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF135857.D

Acq: 18 Oct 2023 20:23

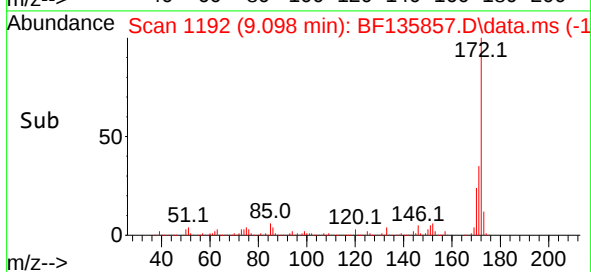
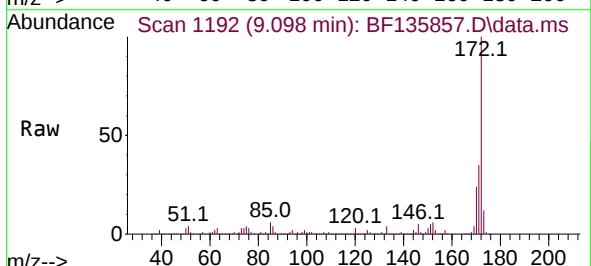
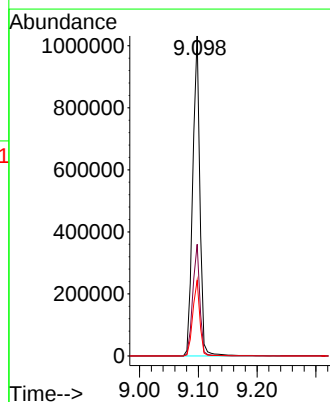
Tgt Ion:172 Resp: 880099

Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.6 18.8 28.2

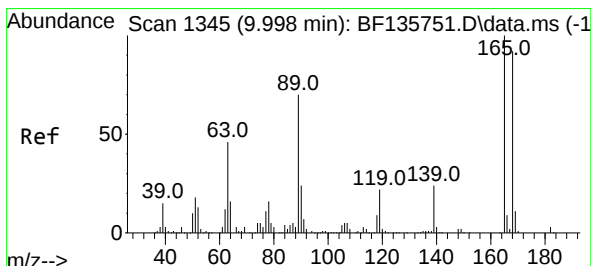
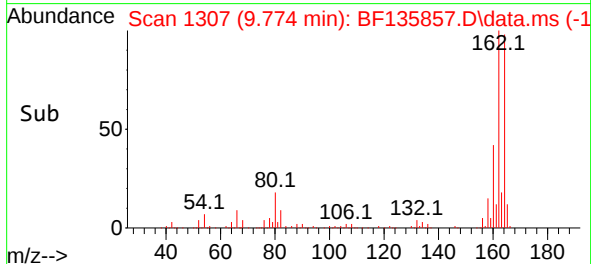
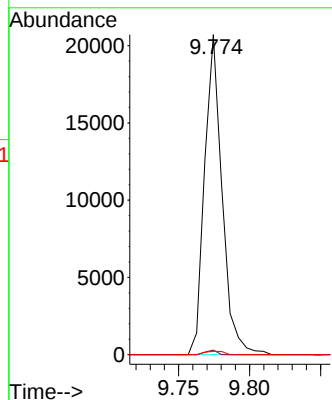
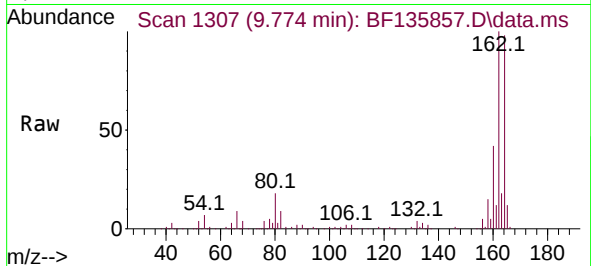




#51
2,6-Dinitrotoluene
Concen: 8.794 ng
RT: 9.774 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF135857.D
Acq: 18 Oct 2023 20:23

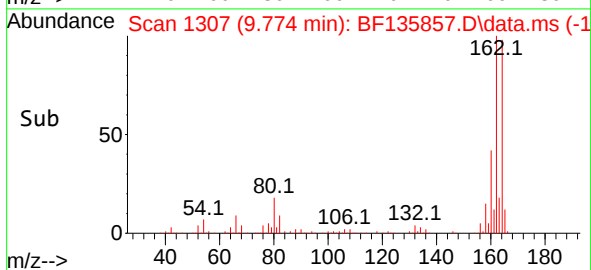
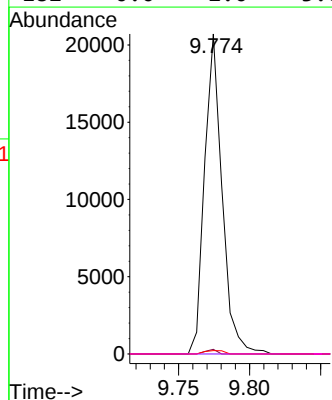
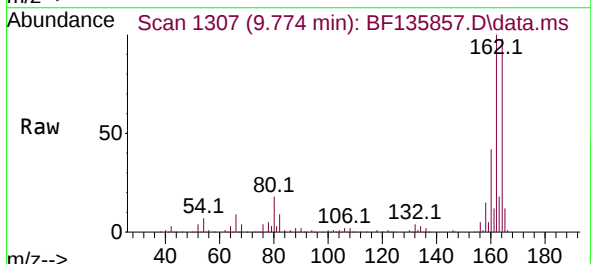
Instrument :
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ClientSampleId :
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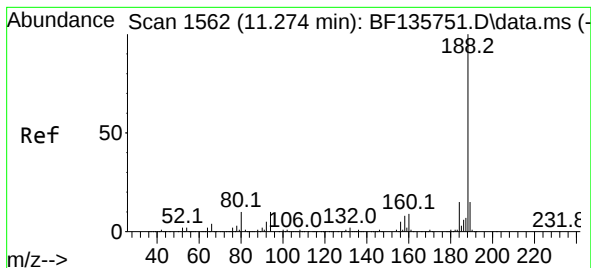
Tgt Ion:165 Resp: 17800
Ion Ratio Lower Upper
165 100
63 1.5 62.2 93.4#
89 1.1 49.6 74.4#



#57
2,4-Dinitrotoluene
Concen: 6.913 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.230 min
Lab File: BF135857.D
Acq: 18 Oct 2023 20:23

Tgt Ion:165 Resp: 17800
Ion Ratio Lower Upper
165 100
63 1.5 39.0 58.4#
89 1.1 55.9 83.9#
182 0.0 2.0 3.0#

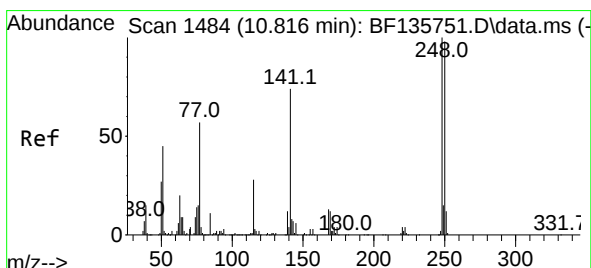
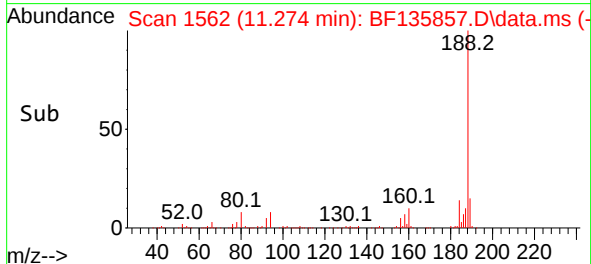
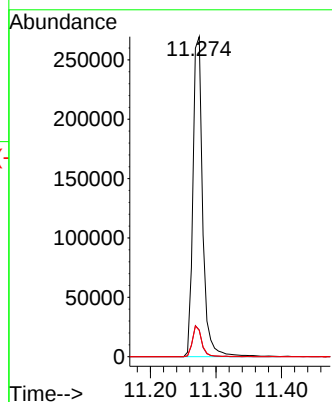
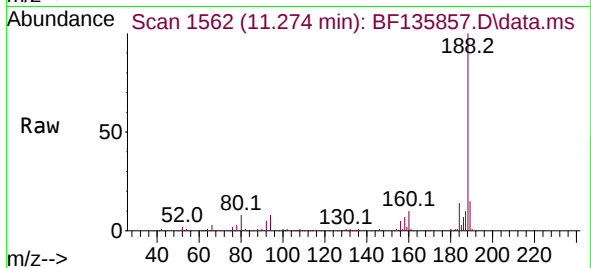




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135857.D
Acq: 18 Oct 2023 20:23

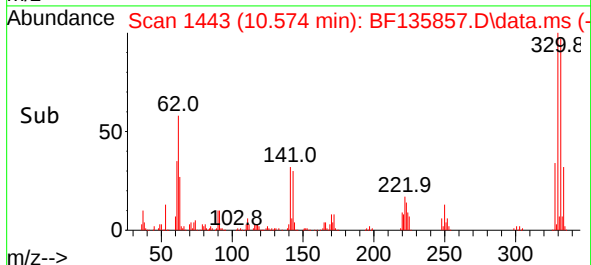
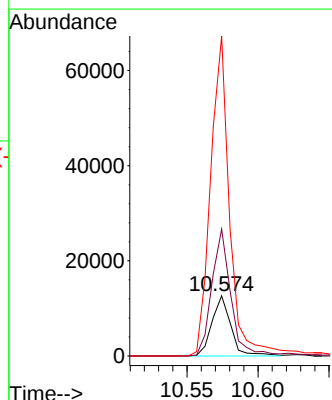
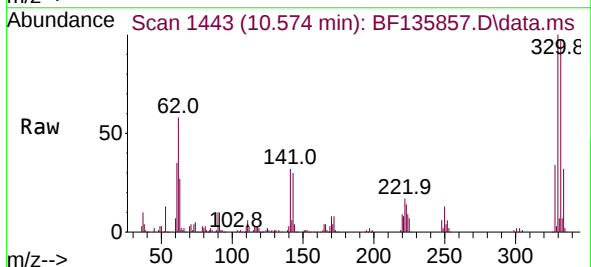
Instrument :
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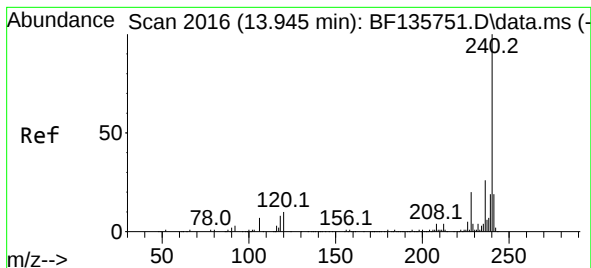
Tgt Ion:188 Resp: 277049
Ion Ratio Lower Upper
188 100
94 8.4 8.0 12.0
80 8.2 8.3 12.5#



#67
4-Bromophenyl-phenylether
Concen: 4.212 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.247 min
Lab File: BF135857.D
Acq: 18 Oct 2023 20:23

Tgt Ion:248 Resp: 11714
Ion Ratio Lower Upper
248 100
250 211.0 78.0 117.0#
141 532.0 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: BF135857.D

Acq: 18 Oct 2023 20:23

Instrument :

BNA_F

ClientSampleId :

PB156138BL

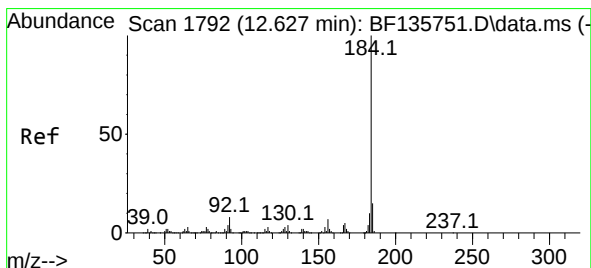
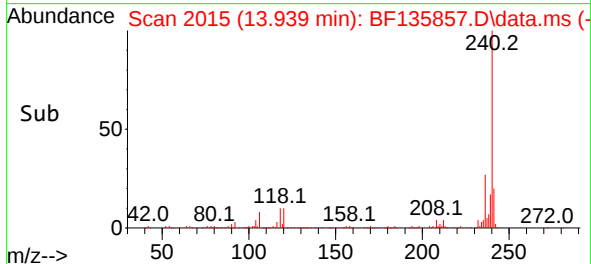
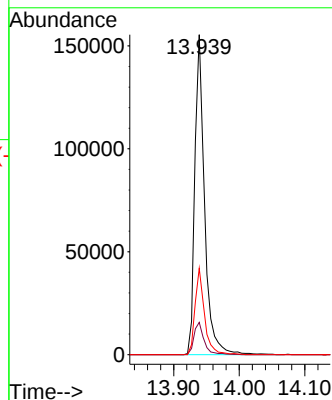
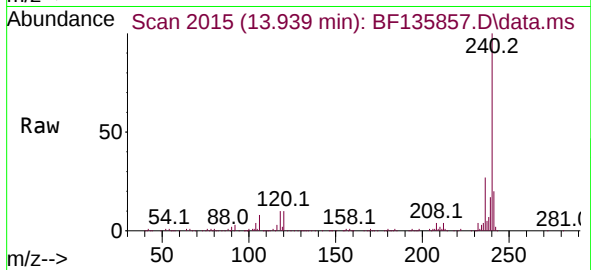
Tgt Ion:240 Resp: 161457

Ion Ratio Lower Upper

240 100

120 10.1 8.2 12.2

236 27.0 21.2 31.8



#77

Benzidine

Concen: 3.566 ng

RT: 12.868 min Scan# 1833

Delta R.T. 0.235 min

Lab File: BF135857.D

Acq: 18 Oct 2023 20:23

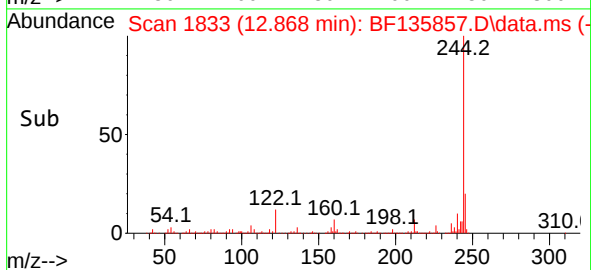
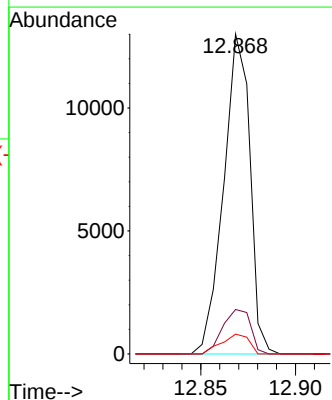
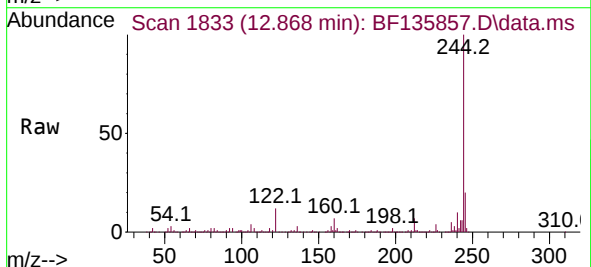
Tgt Ion:184 Resp: 12565

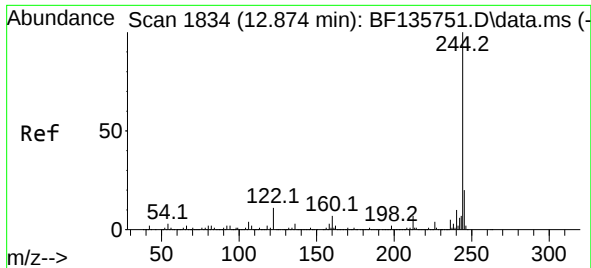
Ion Ratio Lower Upper

184 100

185 13.9 12.0 18.0

183 6.2 8.2 12.2#

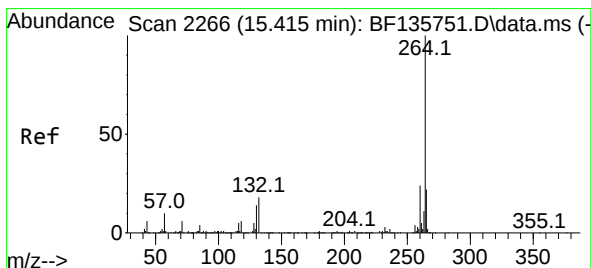
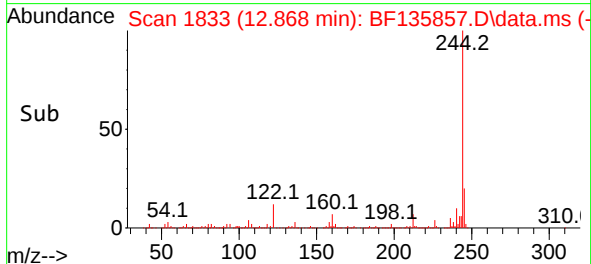
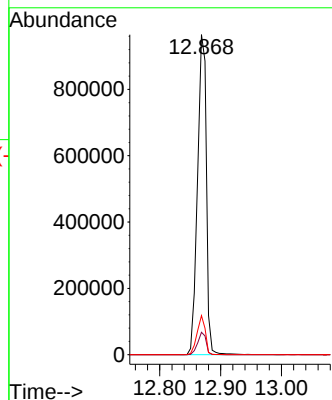
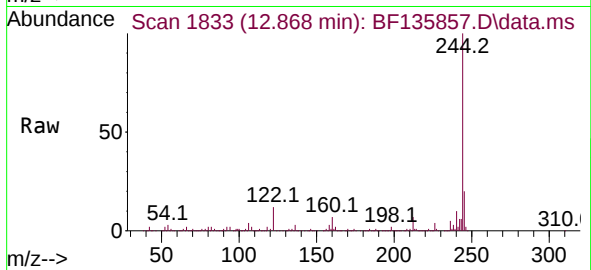




#79
 Terphenyl-d14
 Concen: 112.201 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. -0.012 min
 Lab File: BF135857.D
 Acq: 18 Oct 2023 20:23

Instrument :
 BNA_F
 ClientSampleId :
 PB156138BL

Tgt Ion:244 Resp: 978213
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 12.2 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: BF135857.D
 Acq: 18 Oct 2023 20:23

Tgt Ion:264 Resp: 146129
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.2 28.8
 265 21.6 17.4 26.2

