

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
 Data File : BF135821.D
 Acq On : 17 Oct 2023 19:59
 Operator : CG\JU
 Sample : 04723-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4B

Quant Time: Oct 18 02:01:21 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)

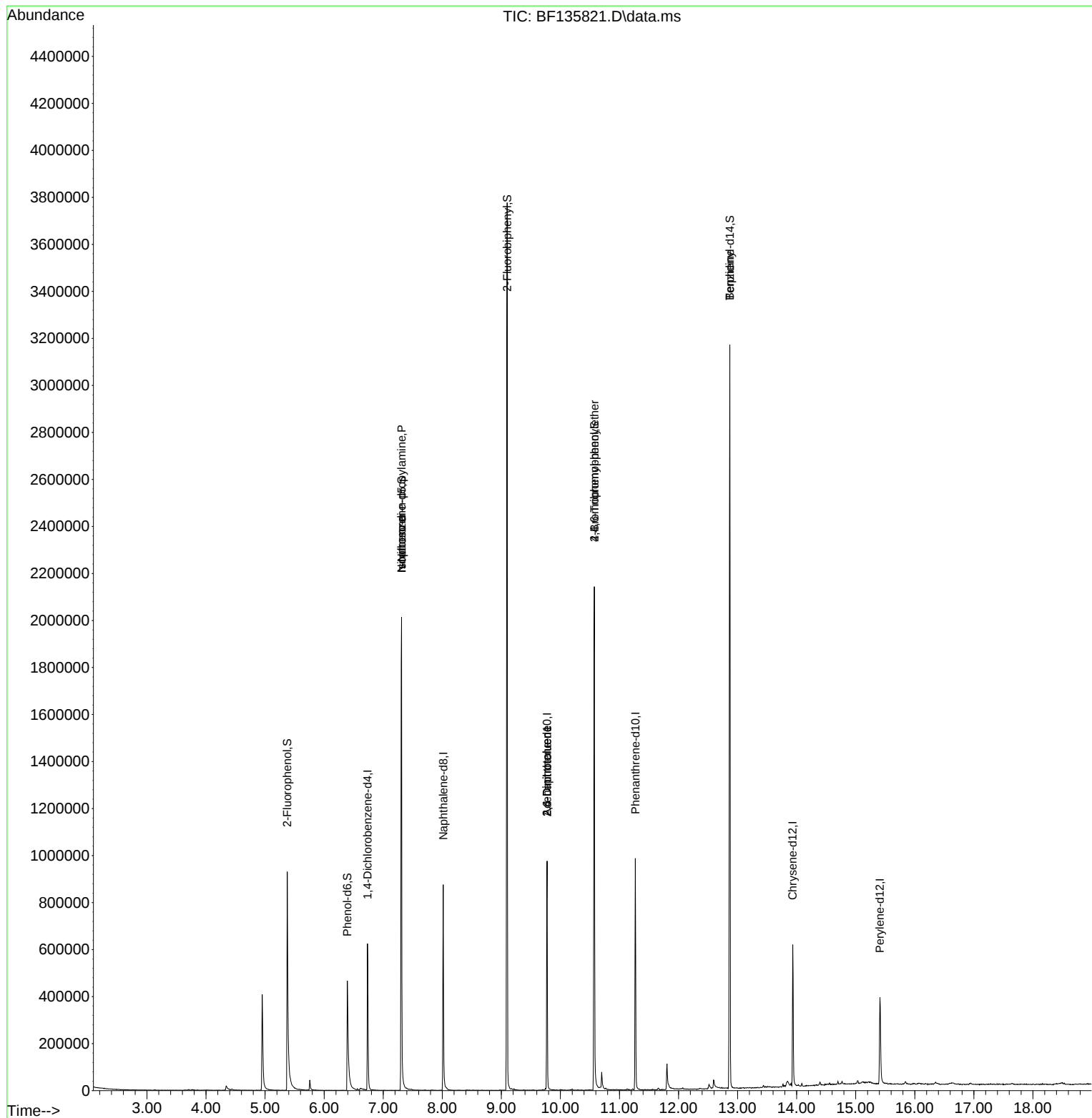
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	95866	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	372589	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	195639	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	360567	20.000	ng	-0.01
76) Chrysene-d12	13.933	240	210797	20.000	ng	-0.02
86) Perylene-d12	15.410	264	195369	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	335438	56.256	ng	0.00
7) Phenol-d6	6.393	99	232471	31.247	ng	0.00
23) Nitrobenzene-d5	7.310	82	651922	96.233	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	267687	142.590	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	1170590	93.551	ng	0.00
79) Terphenyl-d14	12.869	244	1178000	103.491	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.310	70	85232	18.528	ng	# 72
25) Isophorone	7.310	82	651922	51.009	ng	# 66
51) 2,6-Dinitrotoluene	9.775	165	23843	8.395	ng	# 17
57) 2,4-Dinitrotoluene	9.775	165	23843	6.599	ng	# 24
67) 4-Bromophenyl-phenylether	10.575	248	16097	4.447	ng	# 1
77) Benzidine	12.869	184	14654	3.186	ng	# 94

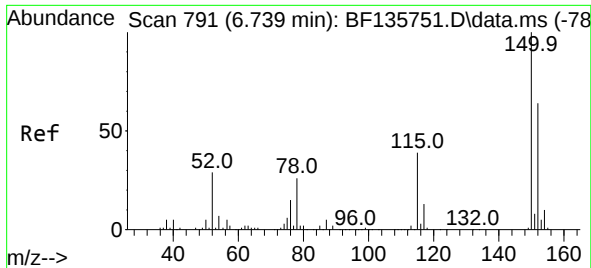
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

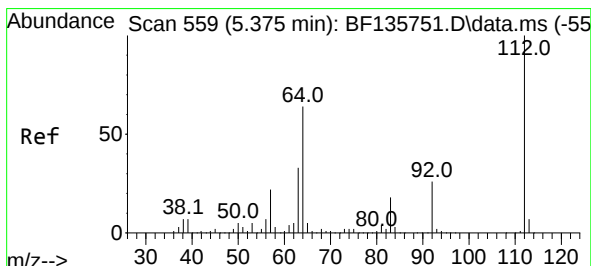
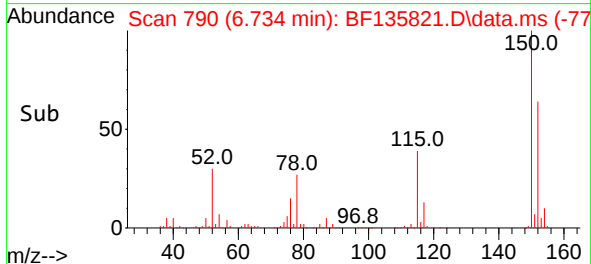
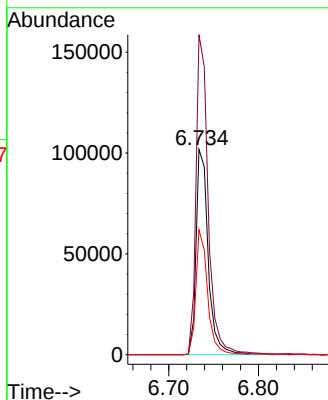
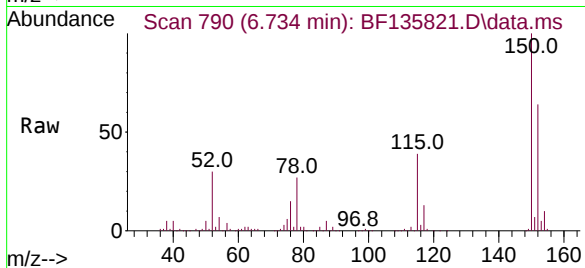




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 791
 Delta R.T. -0.012 min
 Lab File: BF135821.D
 Acq: 17 Oct 2023 19:59

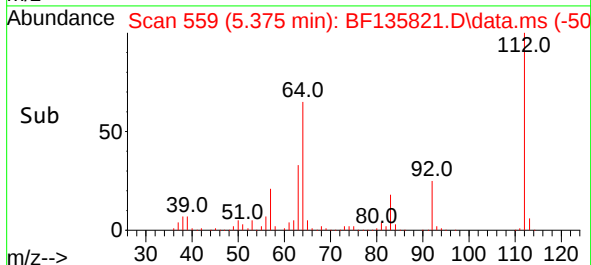
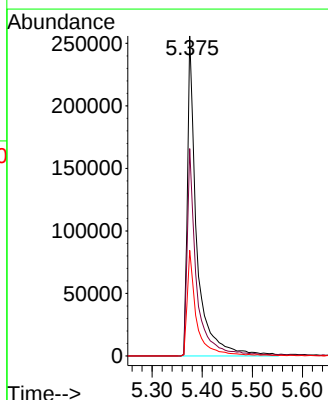
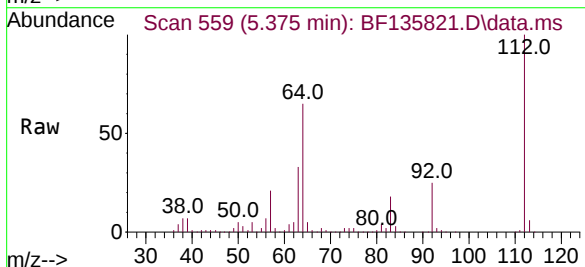
Instrument :
 BNA_F
 ClientSampleId :
 MW-4B

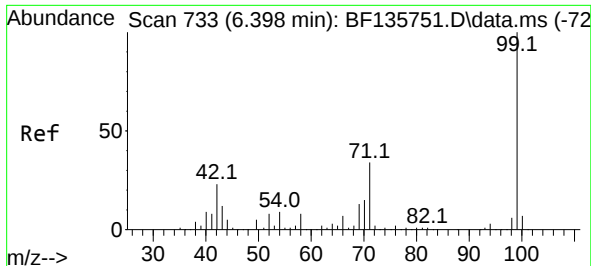
Tgt Ion:152 Resp: 95866
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.5 186.7
 115 60.9 49.0 73.4



#5
 2-Fluorophenol
 Concen: 56.256 ng
 RT: 5.375 min Scan# 559
 Delta R.T. -0.000 min
 Lab File: BF135821.D
 Acq: 17 Oct 2023 19:59

Tgt Ion:112 Resp: 335438
 Ion Ratio Lower Upper
 112 100
 64 64.8 51.2 76.8
 63 33.0 26.1 39.1

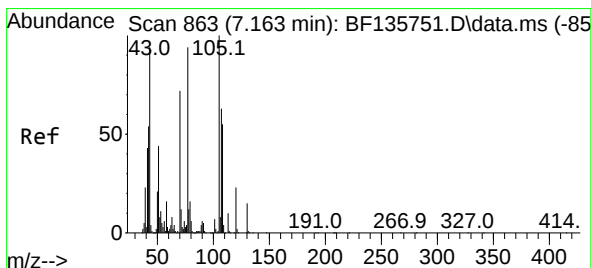
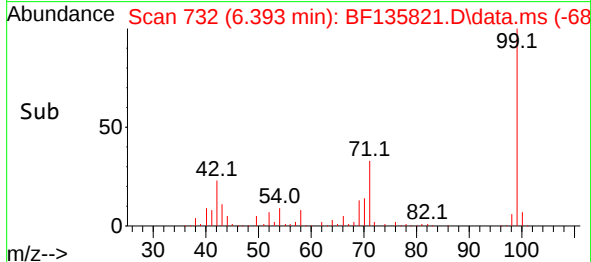
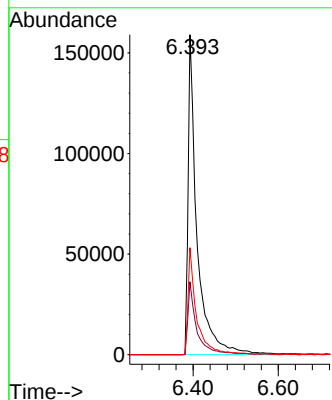
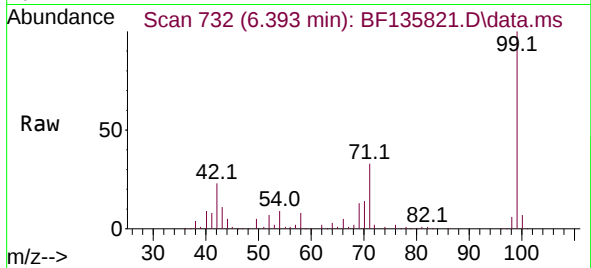




#7
Phenol-d6
Concen: 31.247 ng
RT: 6.393 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135821.D
Acq: 17 Oct 2023 19:59

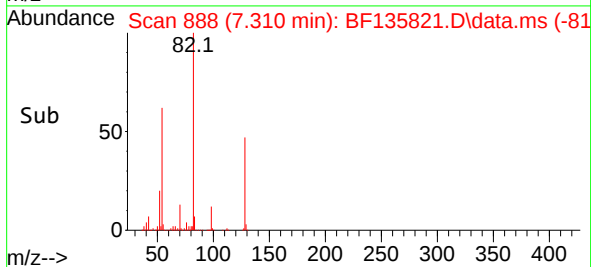
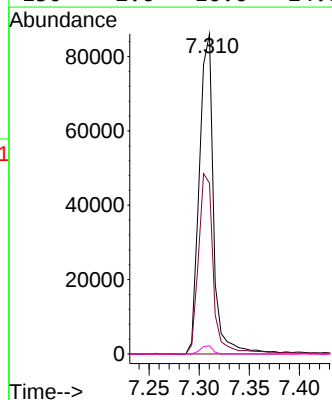
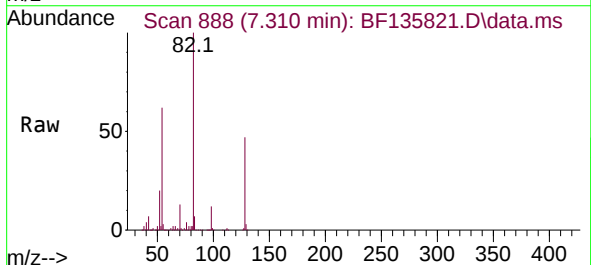
Instrument :
BNA_F
ClientSampleId :
MW-4B

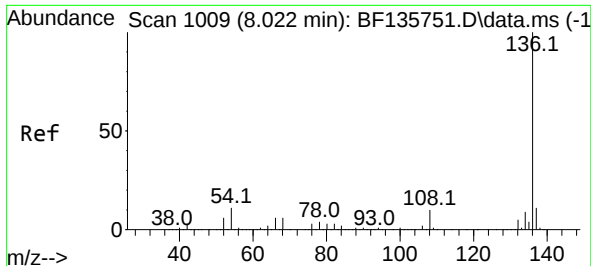
Tgt Ion: 99 Resp: 232471
Ion Ratio Lower Upper
99 100
42 22.8 18.4 27.6
71 33.5 27.2 40.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.528 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.147 min
Lab File: BF135821.D
Acq: 17 Oct 2023 19:59

Tgt Ion: 70 Resp: 85232
Ion Ratio Lower Upper
70 100
42 53.4 59.8 89.6#
101 0.0 7.4 11.2#
130 2.6 16.6 24.8#

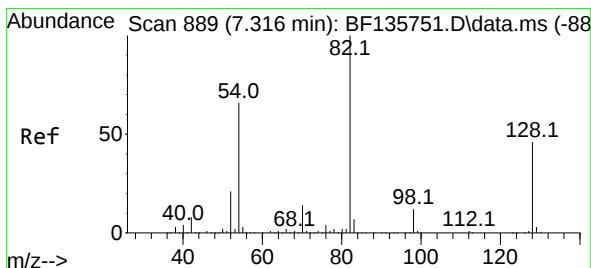
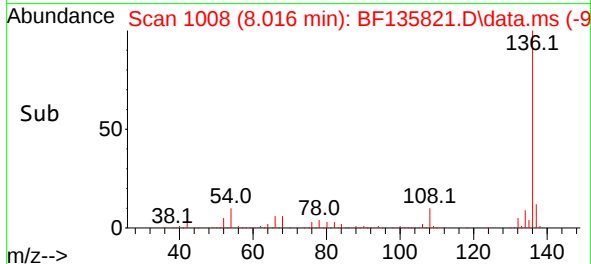
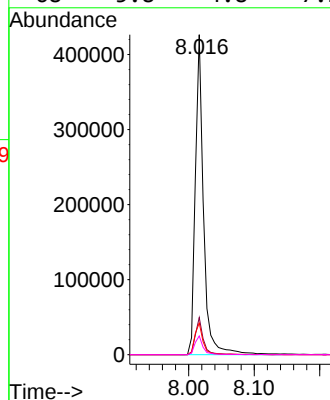
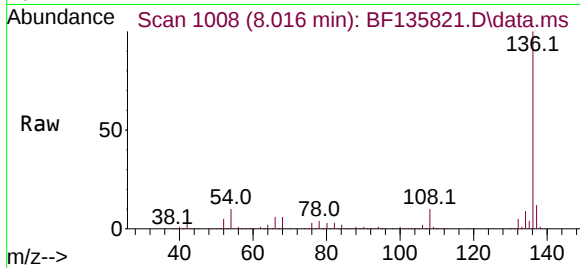




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135821.D
Acq: 17 Oct 2023 19:59

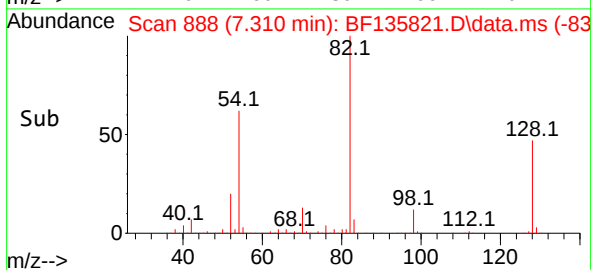
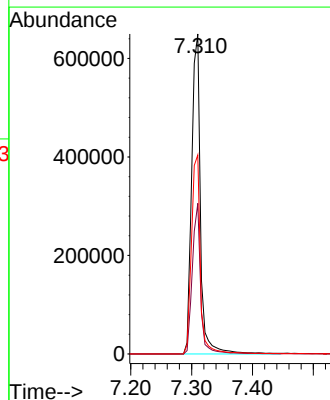
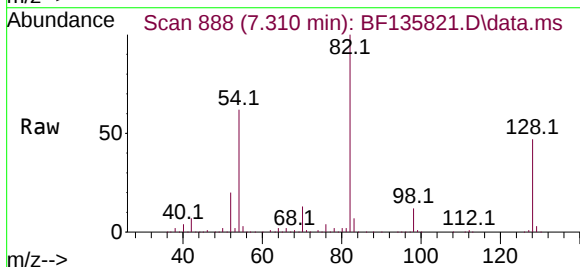
Instrument :
BNA_F
ClientSampleId :
MW-4B

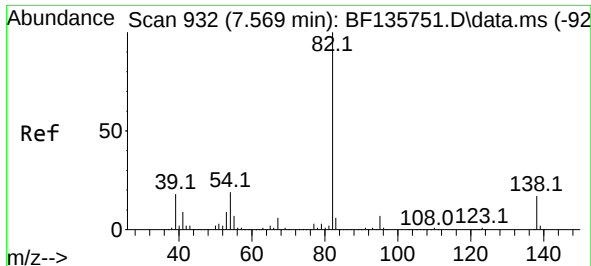
Tgt Ion:	136	Resp:	372589
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.6	12.8
54	9.9	8.5	12.7
68	5.8	4.8	7.2



#23
Nitrobenzene-d5
Concen: 96.233 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF135821.D
Acq: 17 Oct 2023 19:59

Tgt Ion:	82	Resp:	651922
Ion Ratio	Lower	Upper	
82	100		
128	47.1	37.0	55.6
54	62.2	52.8	79.2

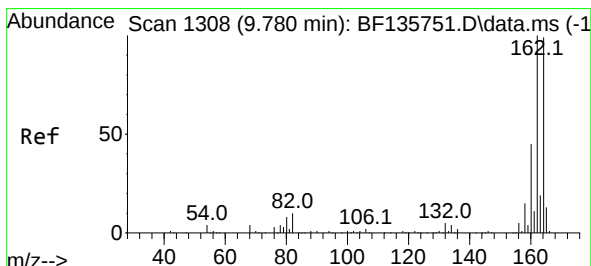
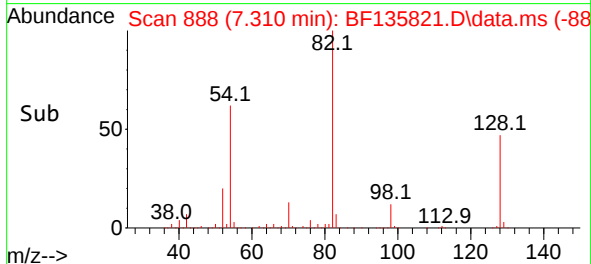
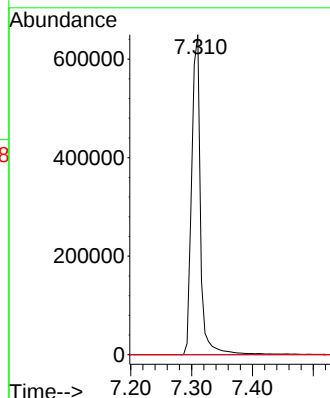
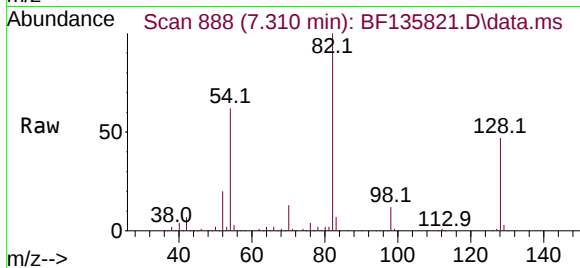




#25
Isophorone
Concen: 51.009 ng
RT: 7.310 min Scan# 88
Delta R.T. -0.259 min
Lab File: BF135821.D
Acq: 17 Oct 2023 19:59

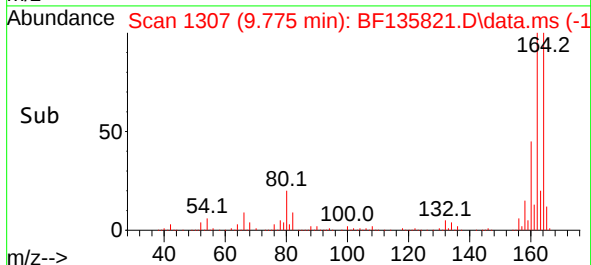
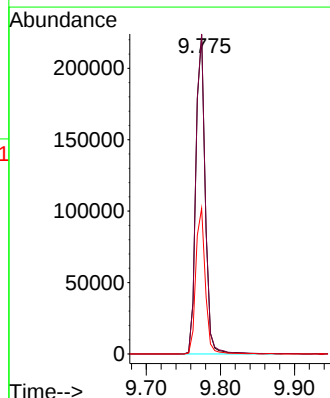
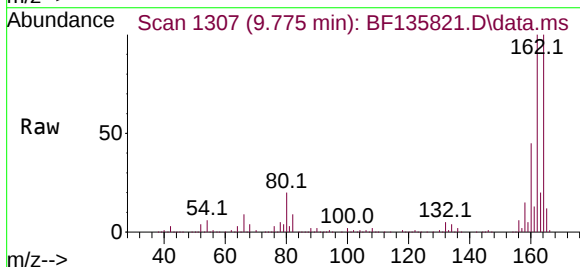
Instrument :
BNA_F
ClientSampleId :
MW-4B

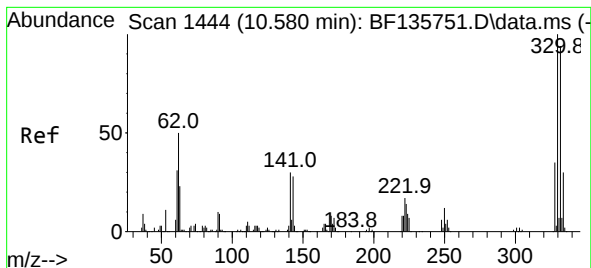
Tgt Ion: 82 Resp: 651922
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF135821.D
Acq: 17 Oct 2023 19:59

Tgt Ion:164 Resp: 195639
Ion Ratio Lower Upper
164 100
162 100.2 80.8 121.2
160 45.6 36.6 54.8

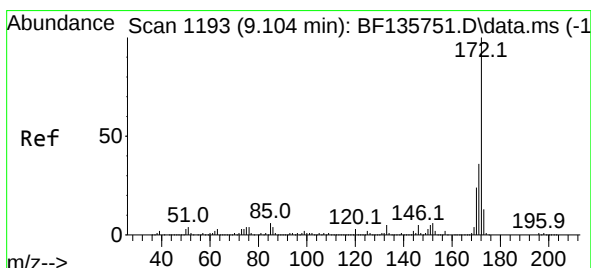
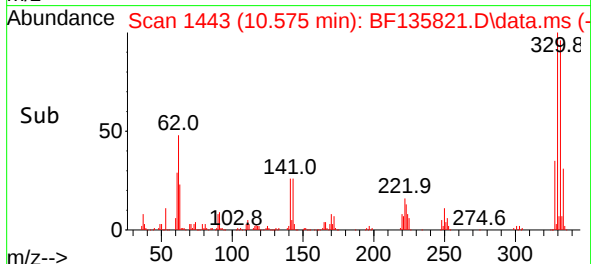
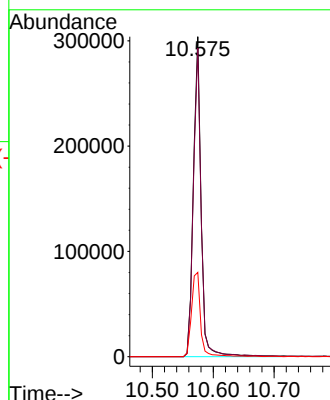
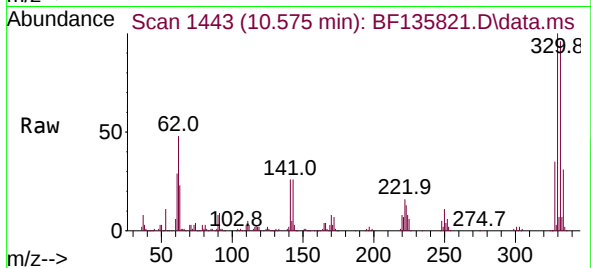




#42
2,4,6-Tribromophenol
Concen: 142.590 ng
RT: 10.575 min Scan# 1444
Delta R.T. -0.012 min
Lab File: BF135821.D
Acq: 17 Oct 2023 19:59

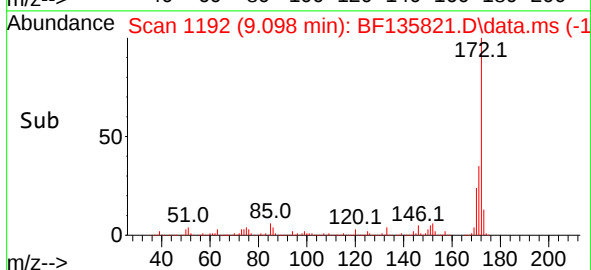
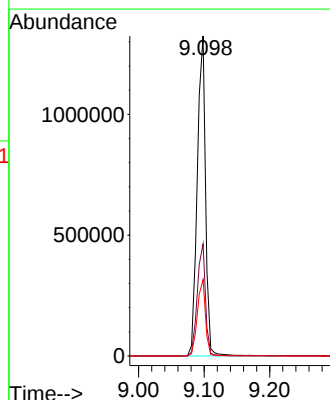
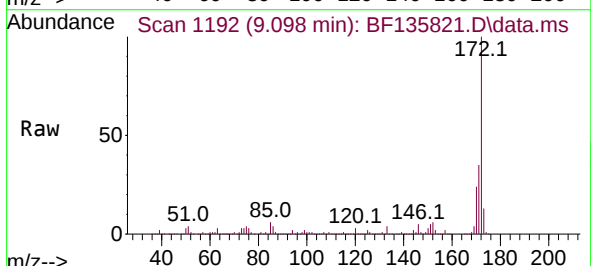
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BNA_F
ClientSampleId :
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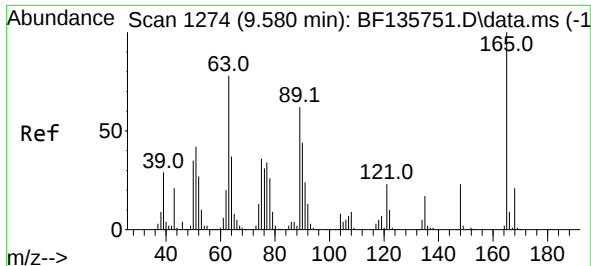
Tgt Ion:330 Resp: 267687
Ion Ratio Lower Upper
330 100
332 95.7 75.0 112.4
141 30.7 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 93.551 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF135821.D
Acq: 17 Oct 2023 19:59

Tgt Ion:172 Resp: 1170590
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.9 18.8 28.2

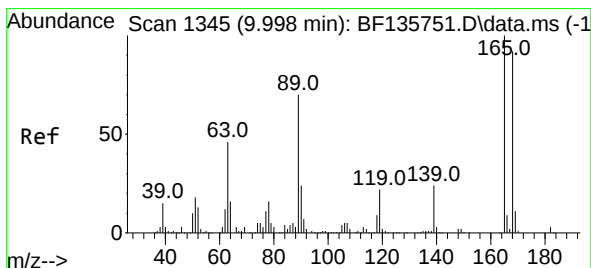
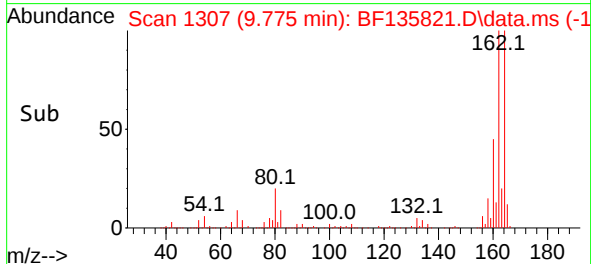
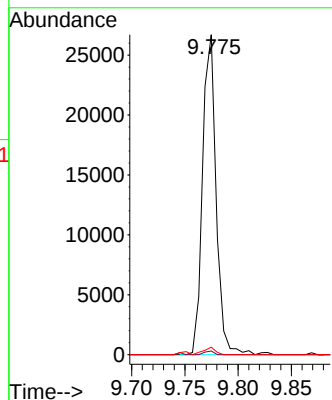
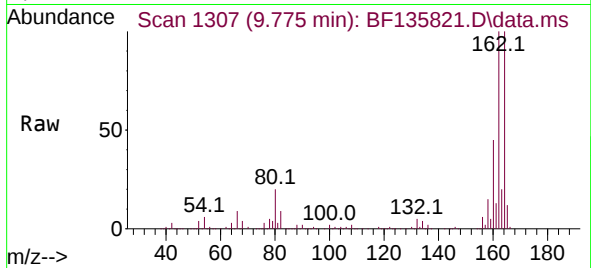




#51
2,6-Dinitrotoluene
Concen: 8.395 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF135821.D
Acq: 17 Oct 2023 19:59

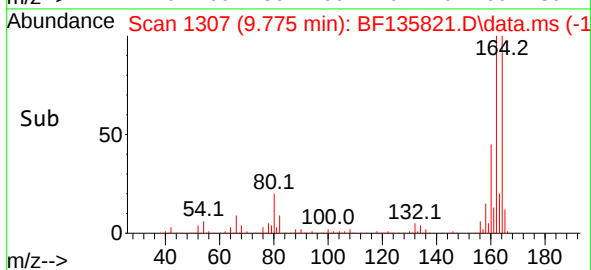
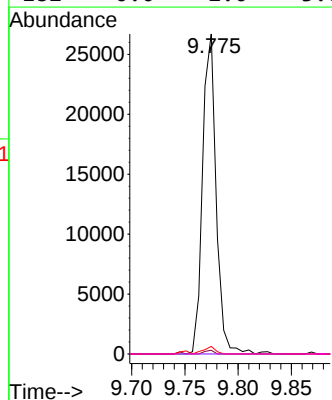
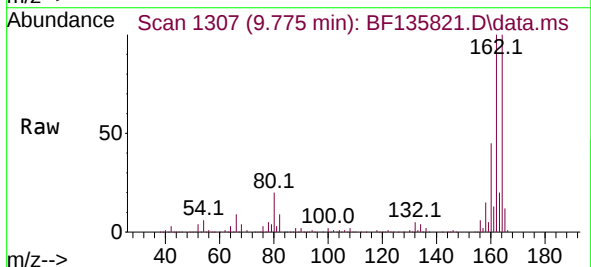
Instrument :
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MW-4B

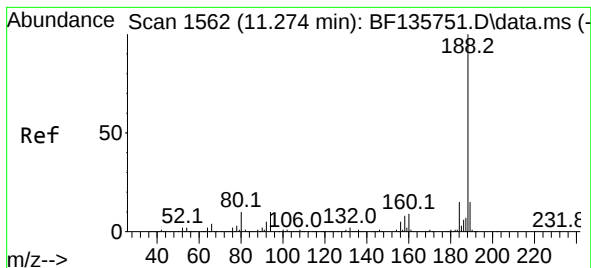
Tgt Ion:165 Resp: 23843
Ion Ratio Lower Upper
165 100
63 1.2 62.2 93.4#
89 2.4 49.6 74.4#



#57
2,4-Dinitrotoluene
Concen: 6.599 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.229 min
Lab File: BF135821.D
Acq: 17 Oct 2023 19:59

Tgt Ion:165 Resp: 23843
Ion Ratio Lower Upper
165 100
63 1.2 39.0 58.4#
89 2.4 55.9 83.9#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135821.D

Acq: 17 Oct 2023 19:59

Instrument :

BNA_F

ClientSampleId :

MW-4B

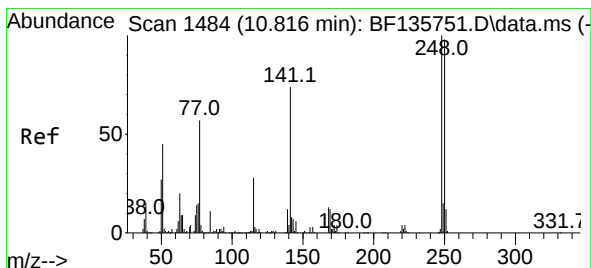
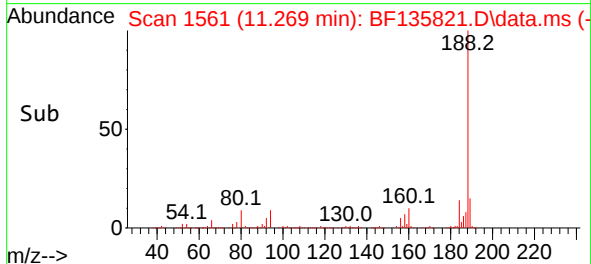
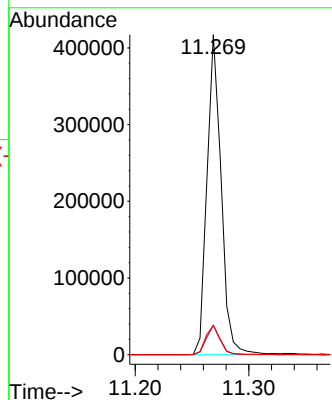
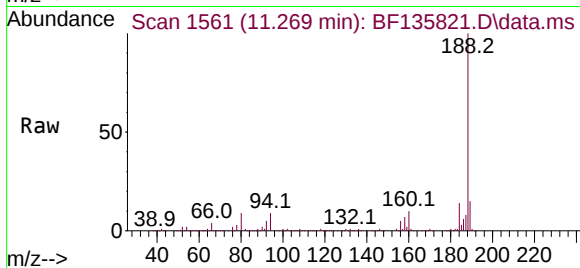
Tgt Ion:188 Resp: 360567

Ion Ratio Lower Upper

188 100

94 9.1 8.0 12.0

80 9.2 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 4.447 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.247 min

Lab File: BF135821.D

Acq: 17 Oct 2023 19:59

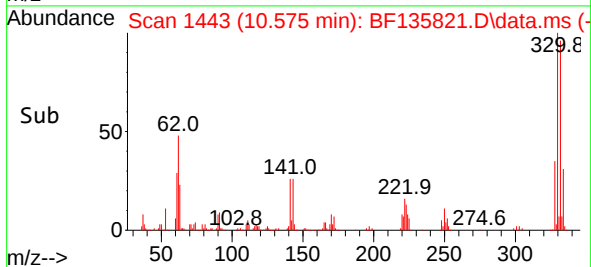
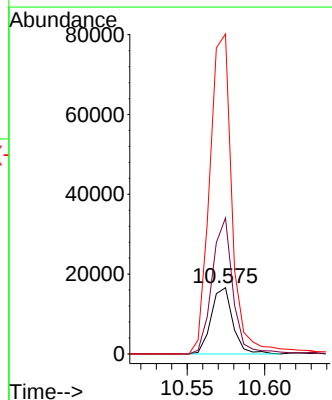
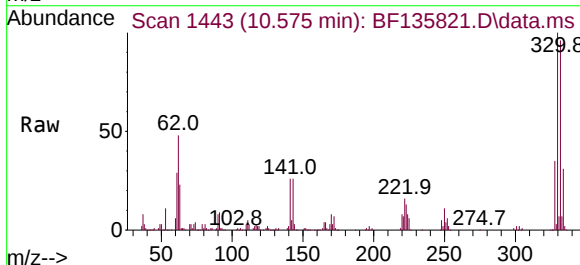
Tgt Ion:248 Resp: 16097

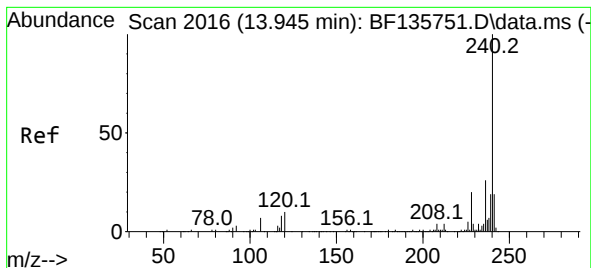
Ion Ratio Lower Upper

248 100

250 205.5 78.0 117.0#

141 483.5 59.0 88.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 2016

Delta R.T. -0.018 min

Lab File: BF135821.D

Acq: 17 Oct 2023 19:59

Instrument :

BNA_F

ClientSampleId :

MW-4B

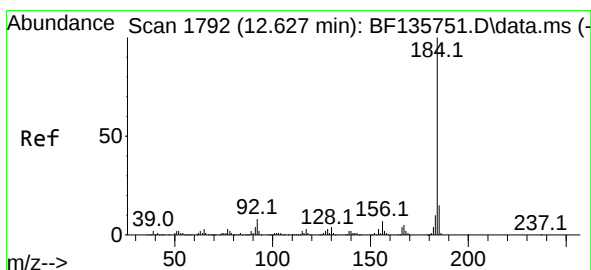
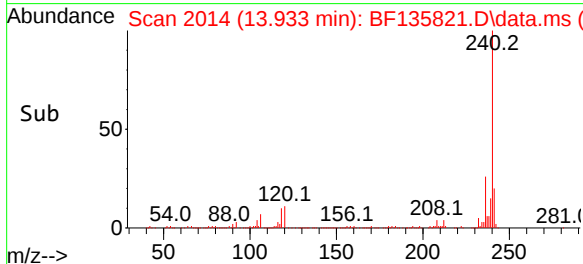
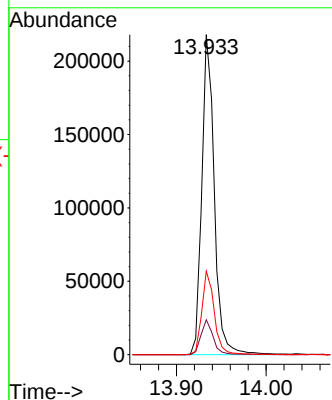
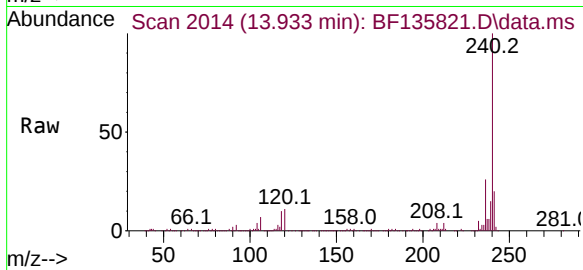
Tgt Ion:240 Resp: 210797

Ion Ratio Lower Upper

240 100

120 10.9 8.2 12.2

236 26.1 21.2 31.8



#77

Benzidine

Concen: 3.186 ng

RT: 12.869 min Scan# 1833

Delta R.T. 0.235 min

Lab File: BF135821.D

Acq: 17 Oct 2023 19:59

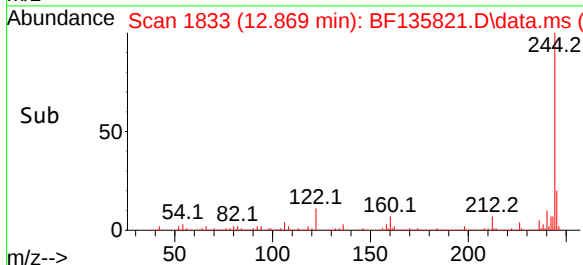
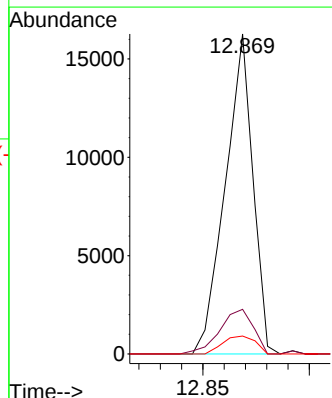
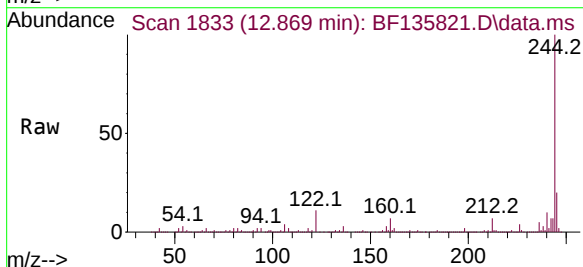
Tgt Ion:184 Resp: 14654

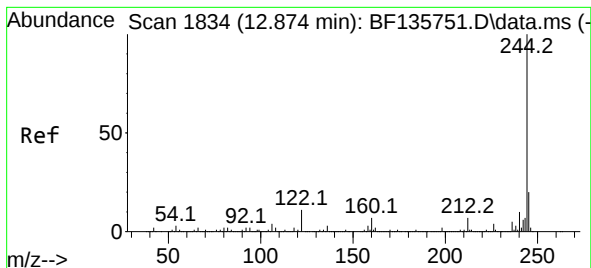
Ion Ratio Lower Upper

184 100

185 13.9 12.0 18.0

183 5.6 8.2 12.2#





#79

Terphenyl-d14

Concen: 103.491 ng

RT: 12.869 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF135821.D

Acq: 17 Oct 2023 19:59

Instrument :

BNA_F

ClientSampleId :

MW-4B

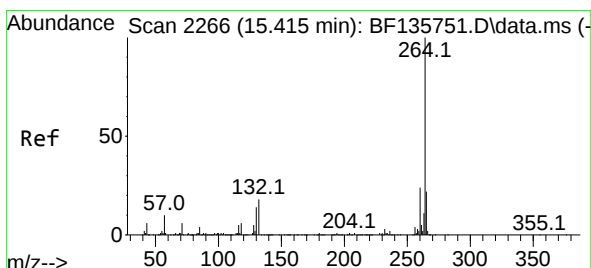
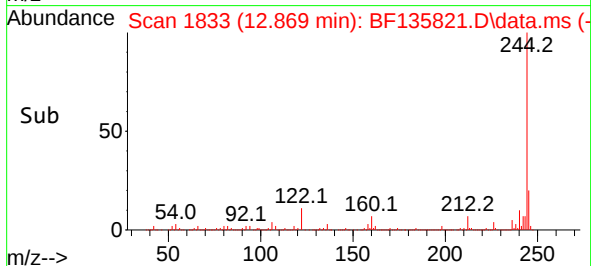
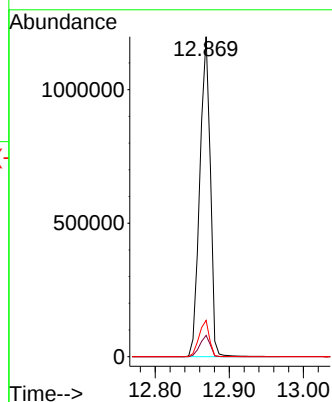
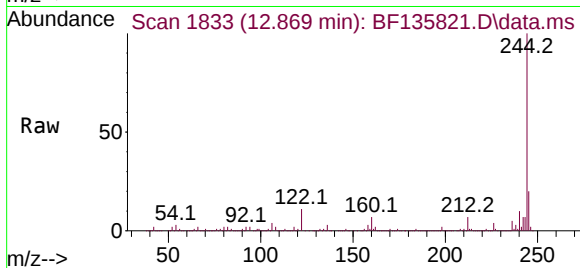
Tgt Ion:244 Resp: 1178000

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 11.4 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2265

Delta R.T. -0.012 min

Lab File: BF135821.D

Acq: 17 Oct 2023 19:59

Tgt Ion:264 Resp: 195369

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 20.1 17.4 26.2

