

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
 Data File : BF135812.D
 Acq On : 17 Oct 2023 15:09
 Operator : CG\JU
 Sample : 04724-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2A

Quant Time: Oct 18 01:38:00 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)

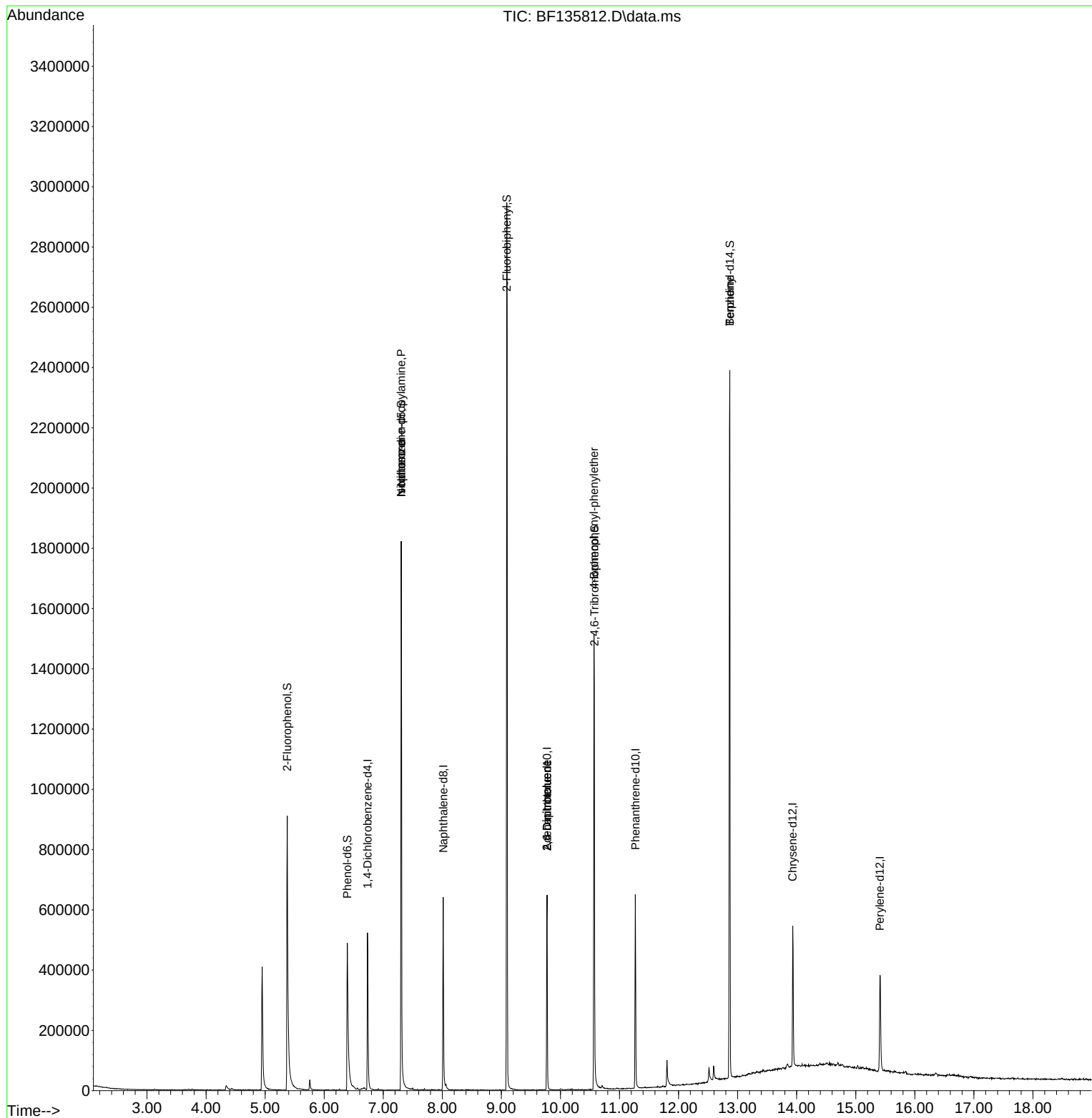
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	82658	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	276750	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	131657	20.000	ng	-0.01
64) Phenanthrene-d10	11.268	188	233774	20.000	ng	-0.01
76) Chrysene-d12	13.933	240	171177	20.000	ng	-0.02
86) Perylene-d12	15.409	264	168593	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	335831	65.321	ng	0.00
7) Phenol-d6	6.392	99	248918	38.804	ng	0.00
23) Nitrobenzene-d5	7.304	82	551906	109.682	ng	-0.01
42) 2,4,6-Tribromophenol	10.574	330	189419	149.933	ng	-0.01
45) 2-Fluorobiphenyl	9.092	172	917071	108.908	ng	-0.01
79) Terphenyl-d14	12.868	244	883453	95.578	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.304	70	73043	18.416	ng	# 78
25) Isophorone	7.304	82	551906	58.138	ng	# 66
51) 2,6-Dinitrotoluene	9.774	165	16812	8.796	ng	# 16
57) 2,4-Dinitrotoluene	9.774	165	16812	6.914	ng	# 24
67) 4-Bromophenyl-phenylether	10.569	248	12056	5.137	ng	# 1
77) Benzydine	12.868	184	10731	2.873	ng	# 93

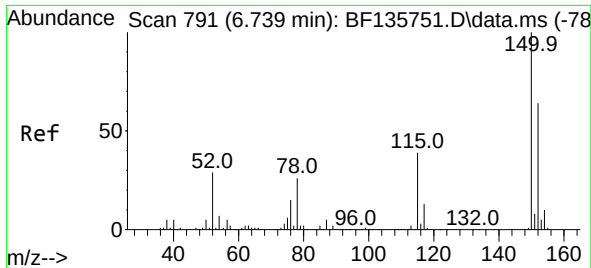
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
Data File : BF135812.D
Acq On : 17 Oct 2023 15:09
Operator : CG\JU
Sample : 04724-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2A

Quant Time: Oct 18 01:38:00 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

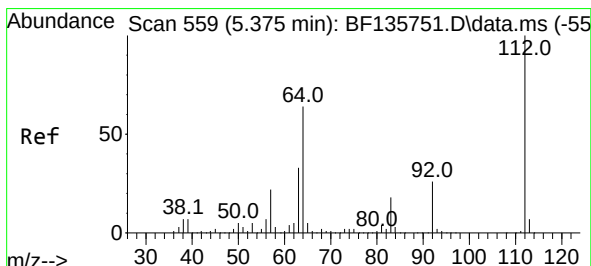
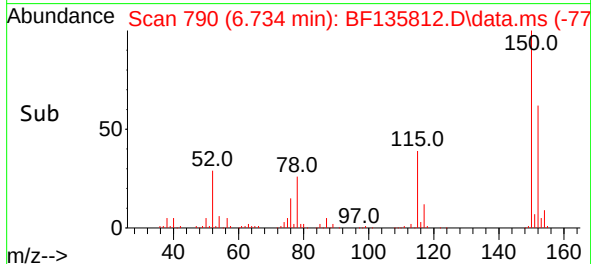
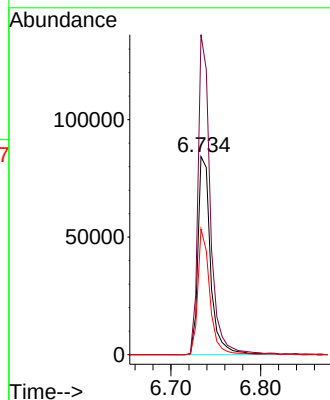
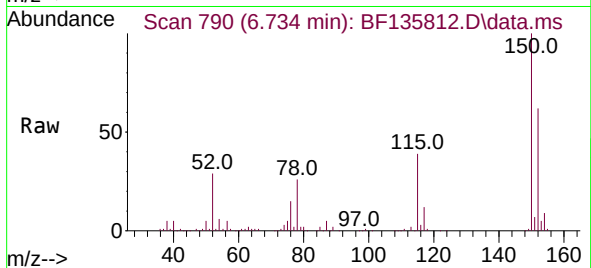




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 791
Delta R.T. -0.013 min
Lab File: BF135812.D
Acq: 17 Oct 2023 15:09

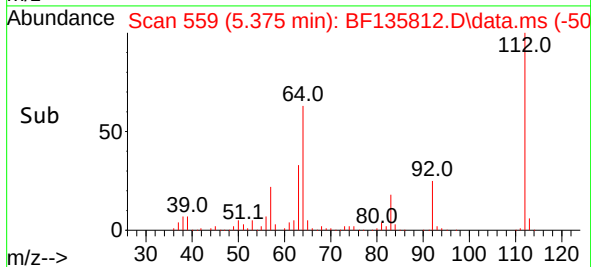
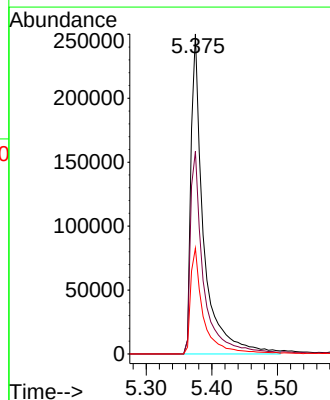
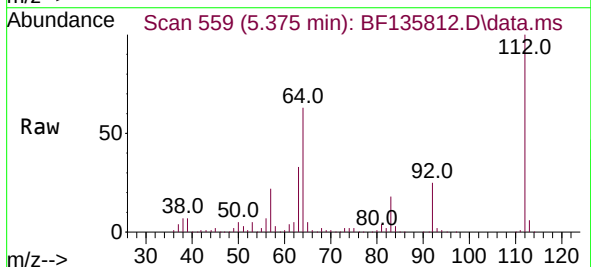
Instrument :
BNA_F
ClientSampleId :
MW-2A

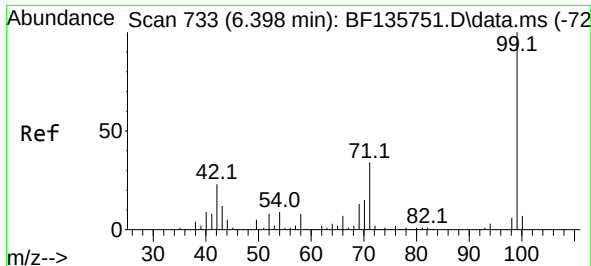
Tgt Ion:152 Resp: 82658
Ion Ratio Lower Upper
152 100
150 161.5 124.5 186.7
115 63.4 49.0 73.4



#5
2-Fluorophenol
Concen: 65.321 ng
RT: 5.375 min Scan# 559
Delta R.T. -0.000 min
Lab File: BF135812.D
Acq: 17 Oct 2023 15:09

Tgt Ion:112 Resp: 335831
Ion Ratio Lower Upper
112 100
64 63.3 51.2 76.8
63 33.1 26.1 39.1

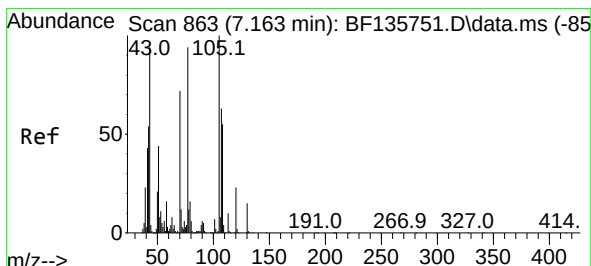
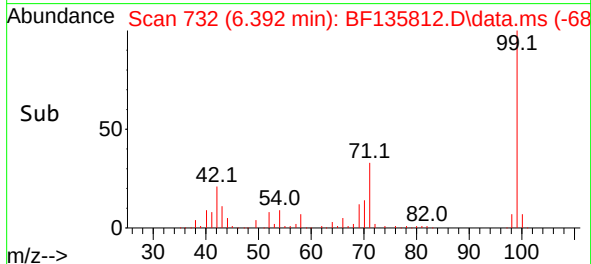
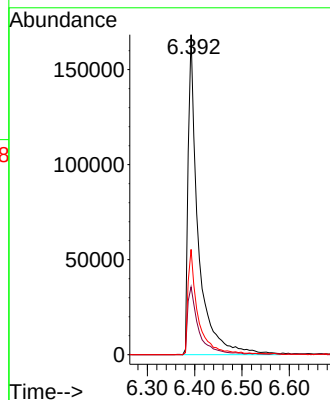
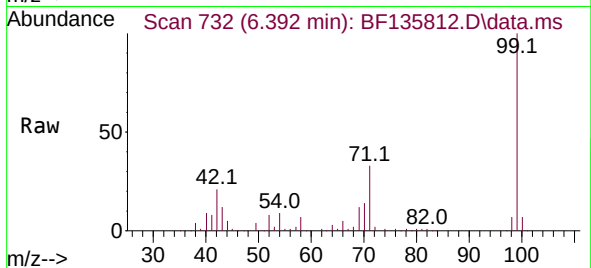




#7
Phenol-d6
Concen: 38.804 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135812.D
Acq: 17 Oct 2023 15:09

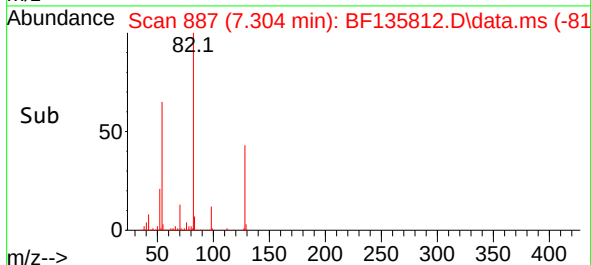
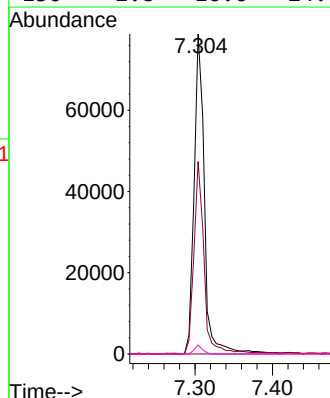
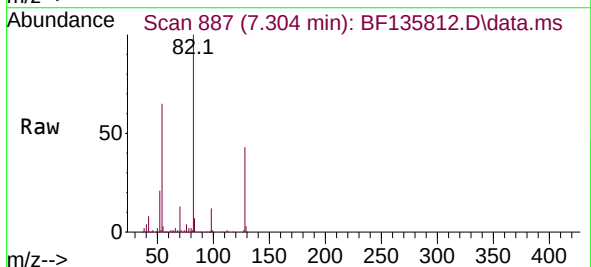
Instrument :
BNA_F
ClientSampleId :
MW-2A

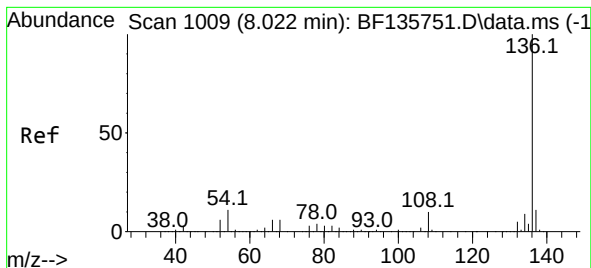
Tgt Ion: 99 Resp: 248918
Ion Ratio Lower Upper
99 100
42 21.2 18.4 27.6
71 32.9 27.2 40.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.416 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.141 min
Lab File: BF135812.D
Acq: 17 Oct 2023 15:09

Tgt Ion: 70 Resp: 73043
Ion Ratio Lower Upper
70 100
42 60.1 59.8 89.6
101 0.0 7.4 11.2#
130 2.8 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: BF135812.D

Acq: 17 Oct 2023 15:09

Instrument :

BNA_F

ClientSampleId :

MW-2A

Tgt Ion:136 Resp: 276750

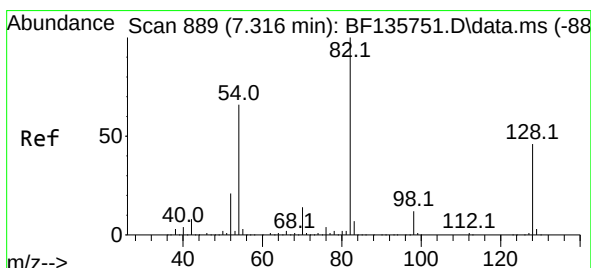
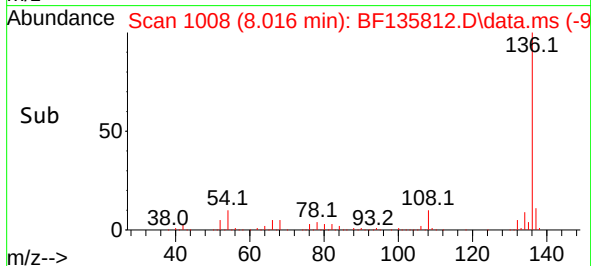
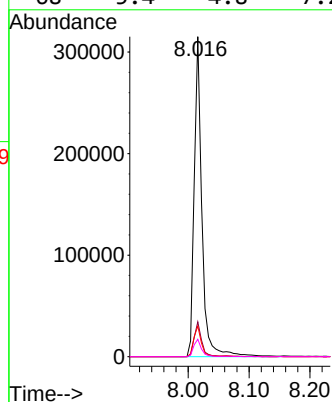
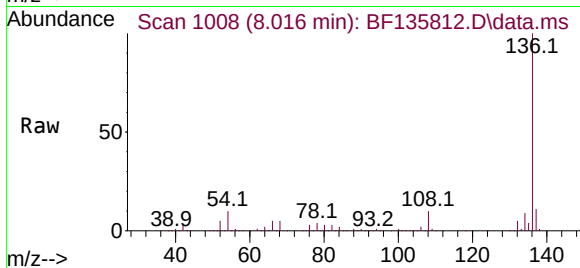
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 9.5 8.5 12.7

68 5.4 4.8 7.2



#23

Nitrobenzene-d5

Concen: 109.682 ng

RT: 7.304 min Scan# 887

Delta R.T. -0.012 min

Lab File: BF135812.D

Acq: 17 Oct 2023 15:09

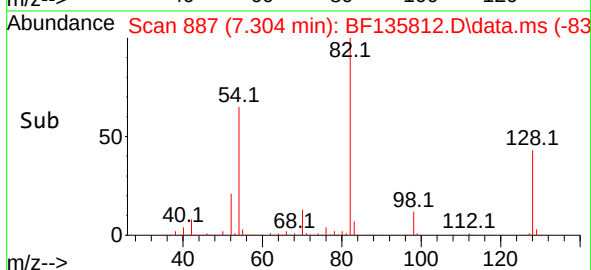
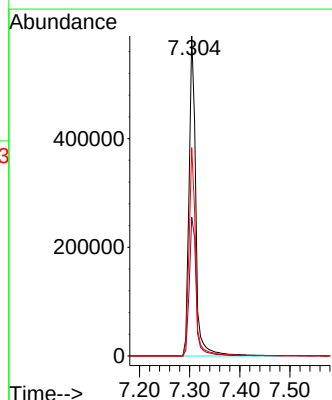
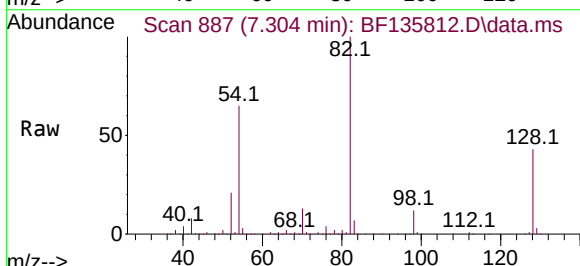
Tgt Ion: 82 Resp: 551906

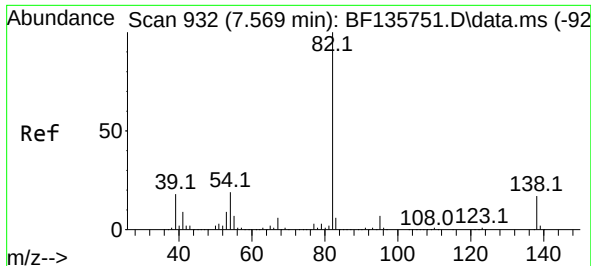
Ion Ratio Lower Upper

82 100

128 43.4 37.0 55.6

54 65.1 52.8 79.2

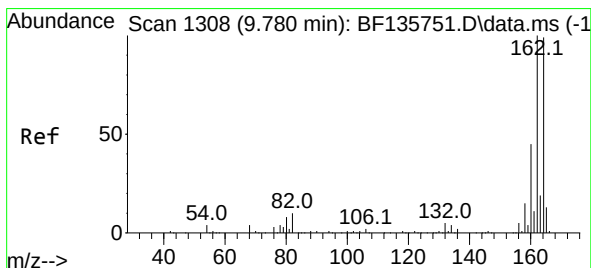
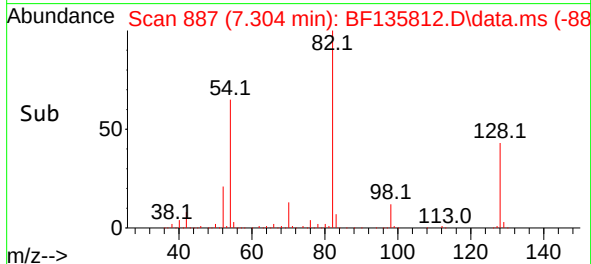
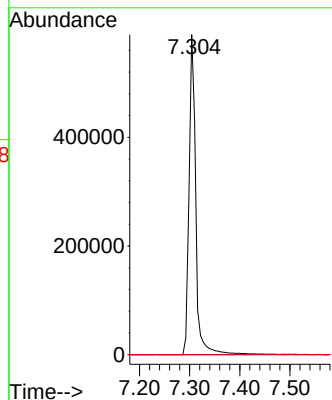
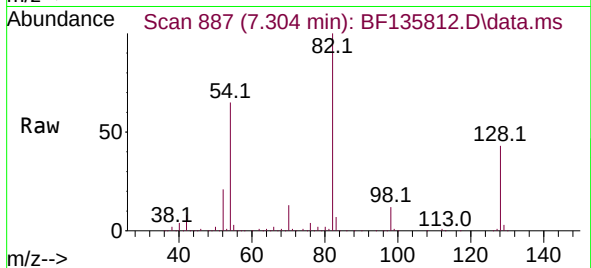




#25
Isophorone
Concen: 58.138 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF135812.D
Acq: 17 Oct 2023 15:09

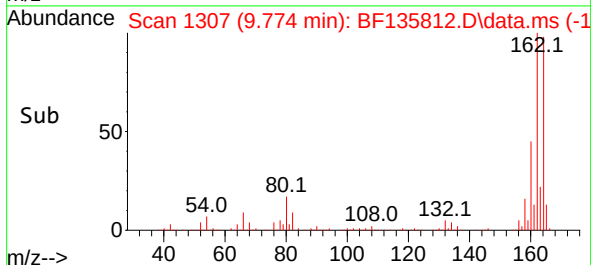
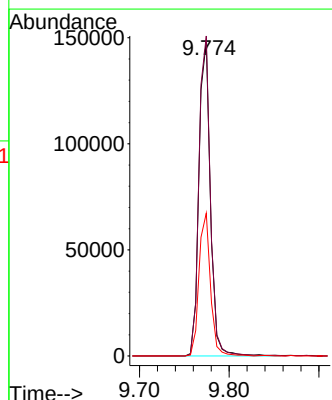
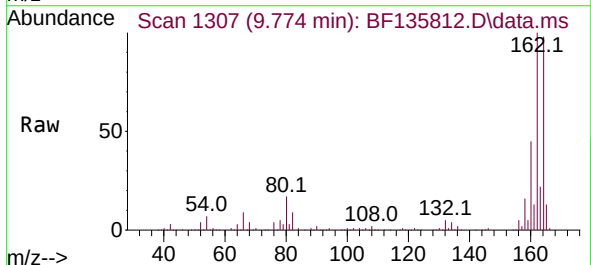
Instrument :
BNA_F
ClientSampleId :
MW-2A

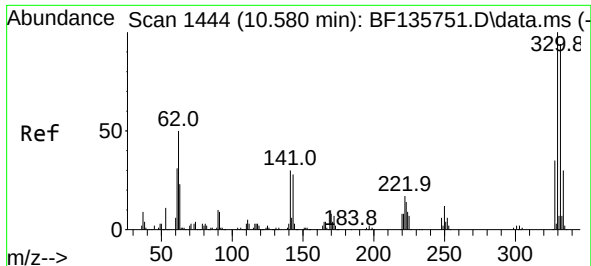
Tgt Ion: 82 Resp: 551906
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF135812.D
Acq: 17 Oct 2023 15:09

Tgt Ion: 164 Resp: 131657
Ion Ratio Lower Upper
164 100
162 101.6 80.8 121.2
160 45.3 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 149.933 ng

RT: 10.574 min Scan# 1443

Delta R.T. -0.012 min

Lab File: BF135812.D

Acq: 17 Oct 2023 15:09

Instrument :

BNA_F

ClientSampleId :

MW-2A

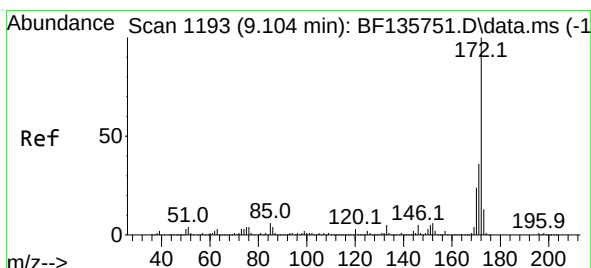
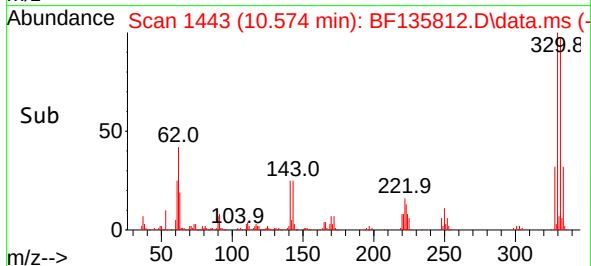
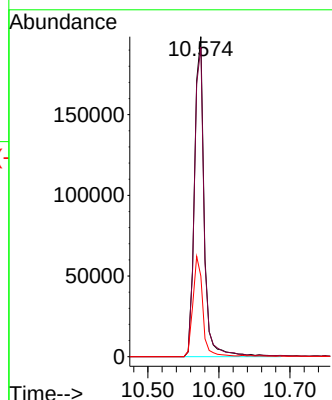
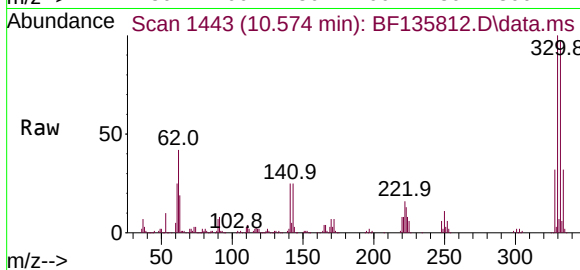
Tgt Ion:330 Resp: 189419

Ion Ratio Lower Upper

330 100

332 97.0 75.0 112.4

141 31.5 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 108.908 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.012 min

Lab File: BF135812.D

Acq: 17 Oct 2023 15:09

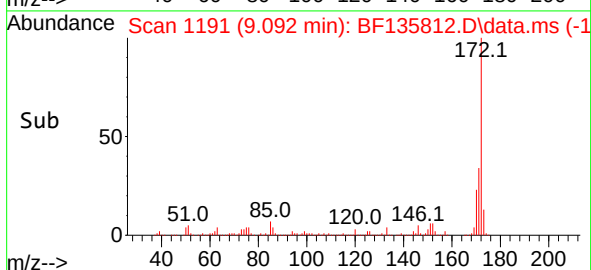
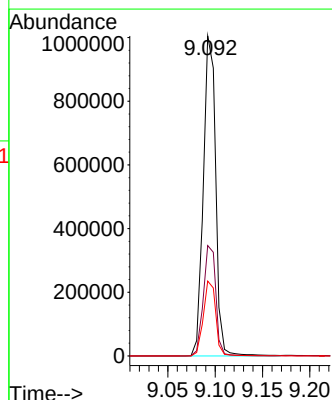
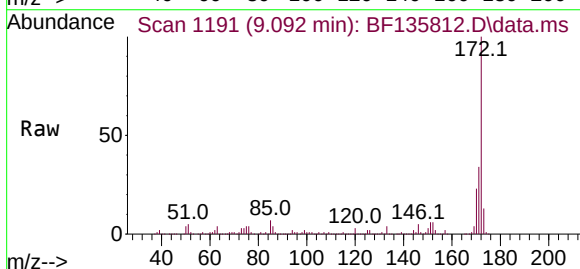
Tgt Ion:172 Resp: 917071

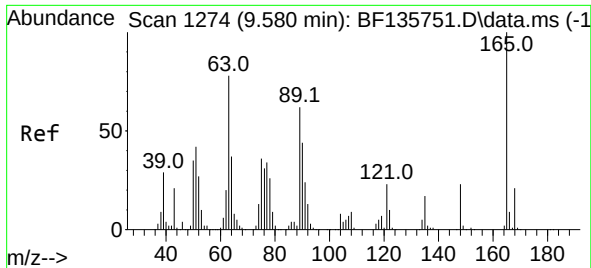
Ion Ratio Lower Upper

172 100

171 34.5 28.4 42.6

170 23.4 18.8 28.2

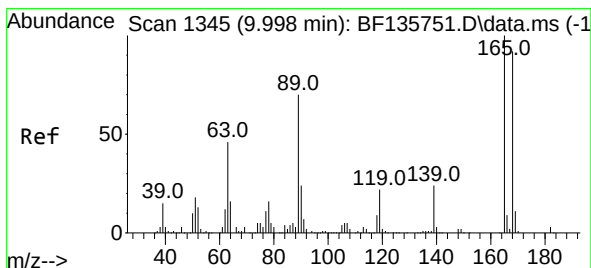
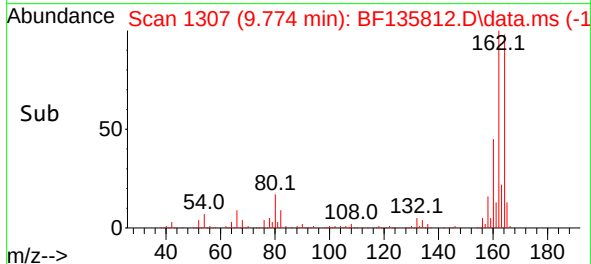
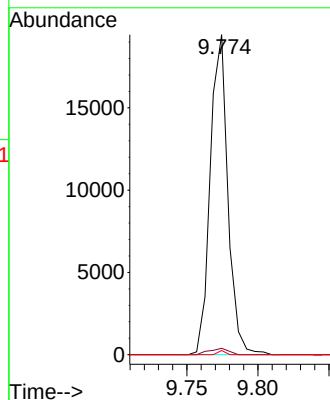
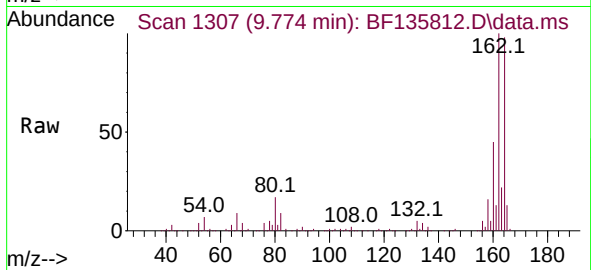




#51
2,6-Dinitrotoluene
Concen: 8.796 ng
RT: 9.774 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF135812.D
Acq: 17 Oct 2023 15:09

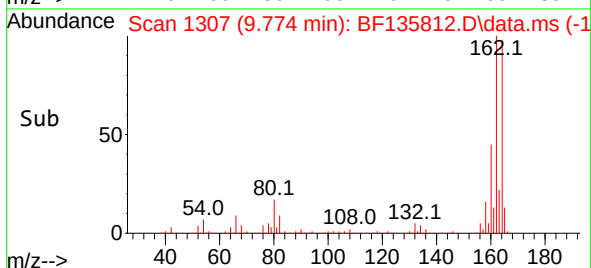
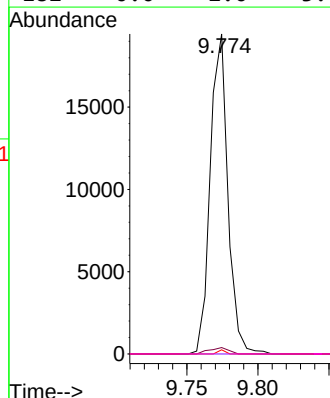
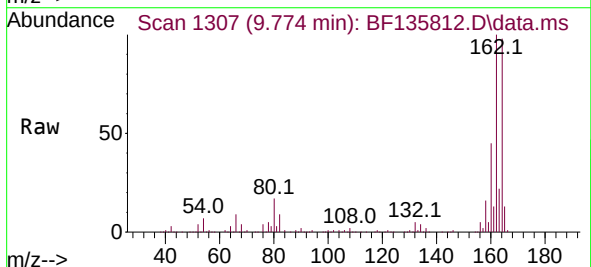
Instrument :
BNA_F
ClientSampleId :
MW-2A

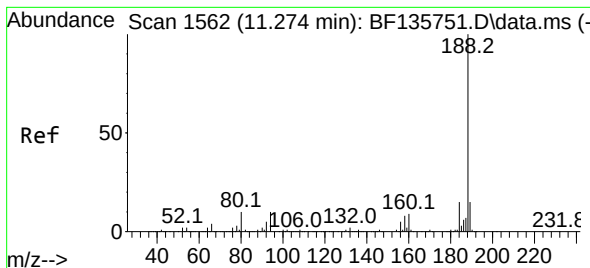
Tgt Ion:165 Resp: 16812
Ion Ratio Lower Upper
165 100
63 2.0 62.2 93.4#
89 1.3 49.6 74.4#



#57
2,4-Dinitrotoluene
Concen: 6.914 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.230 min
Lab File: BF135812.D
Acq: 17 Oct 2023 15:09

Tgt Ion:165 Resp: 16812
Ion Ratio Lower Upper
165 100
63 2.0 39.0 58.4#
89 1.3 55.9 83.9#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.268 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF135812.D

Acq: 17 Oct 2023 15:09

Instrument :

BNA_F

ClientSampleId :

MW-2A

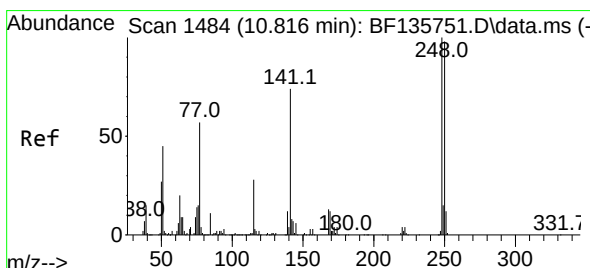
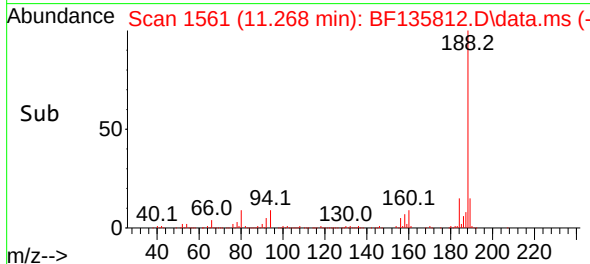
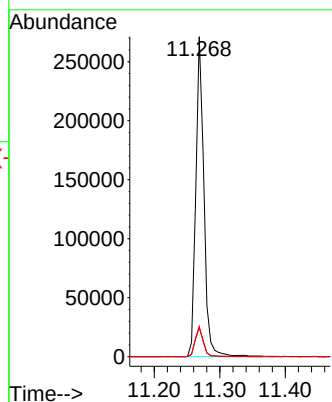
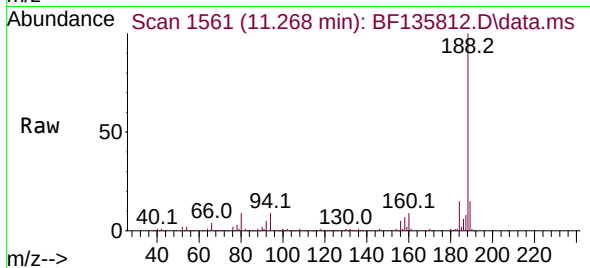
Tgt Ion:188 Resp: 233774

Ion Ratio Lower Upper

188 100

94 9.1 8.0 12.0

80 9.5 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 5.137 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.253 min

Lab File: BF135812.D

Acq: 17 Oct 2023 15:09

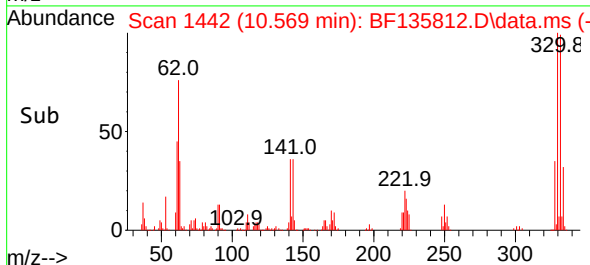
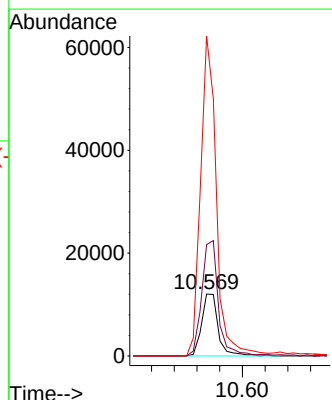
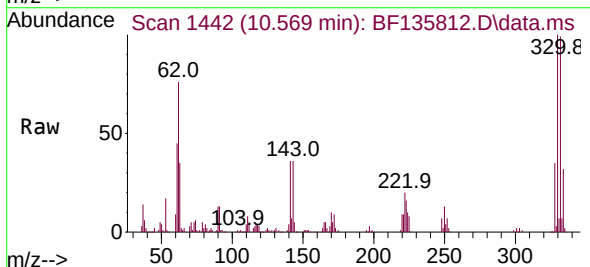
Tgt Ion:248 Resp: 12056

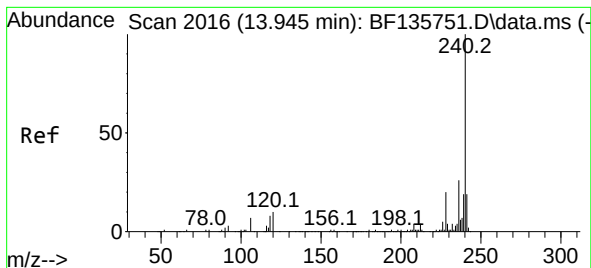
Ion Ratio Lower Upper

248 100

250 179.7 78.0 117.0#

141 516.4 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: BF135812.D

Acq: 17 Oct 2023 15:09

Instrument :

BNA_F

ClientSampleId :

MW-2A

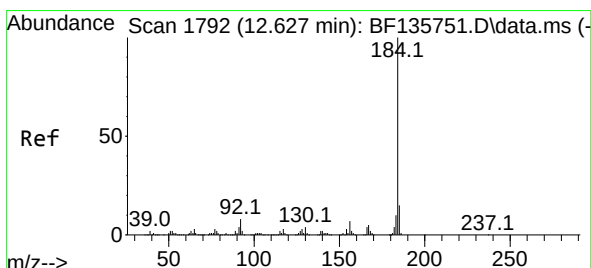
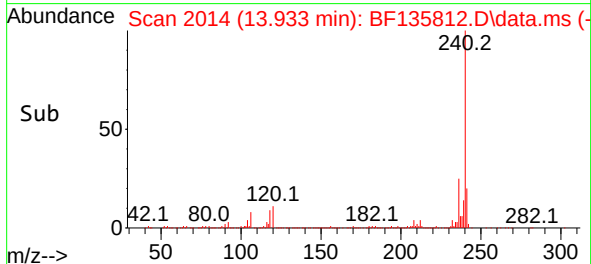
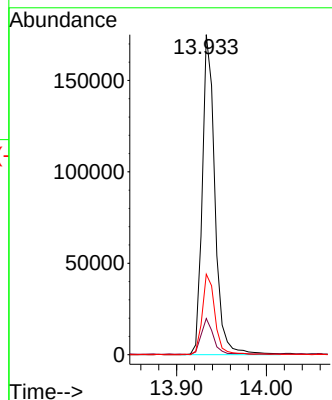
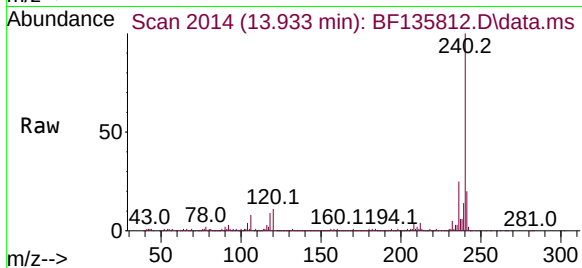
Tgt Ion:240 Resp: 171177

Ion Ratio Lower Upper

240 100

120 11.3 8.2 12.2

236 25.1 21.2 31.8



#77

Benzidine

Concen: 2.873 ng

RT: 12.868 min Scan# 1833

Delta R.T. 0.235 min

Lab File: BF135812.D

Acq: 17 Oct 2023 15:09

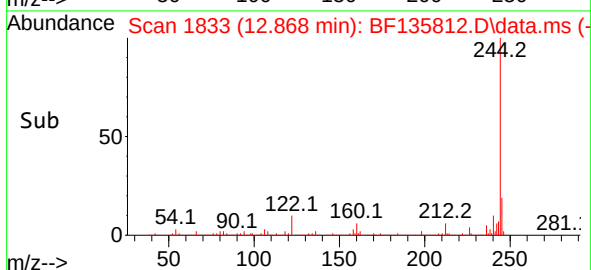
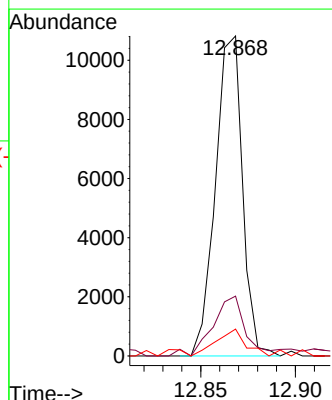
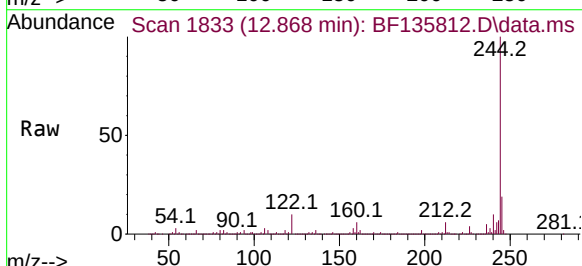
Tgt Ion:184 Resp: 10731

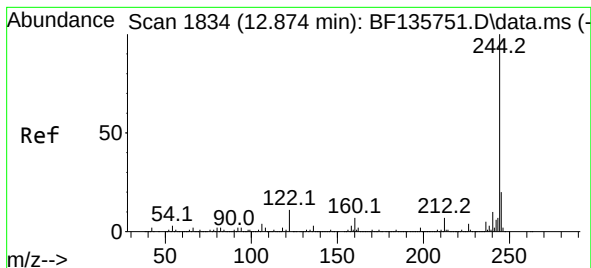
Ion Ratio Lower Upper

184 100

185 18.7 12.0 18.0#

183 8.4 8.2 12.2





#79

Terphenyl-d14

Concen: 95.578 ng

RT: 12.868 min Scan# 1833

Delta R.T. -0.012 min

Lab File: BF135812.D

Acq: 17 Oct 2023 15:09

Instrument :

BNA_F

ClientSampleId :

MW-2A

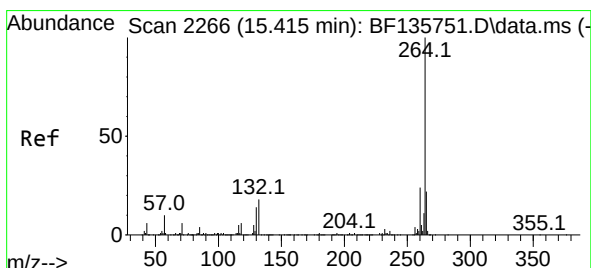
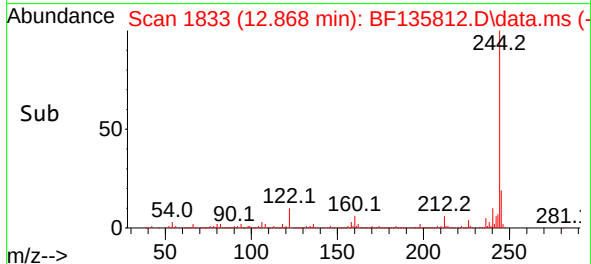
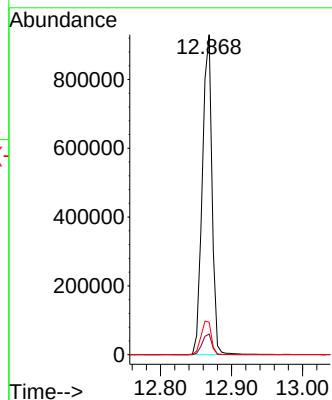
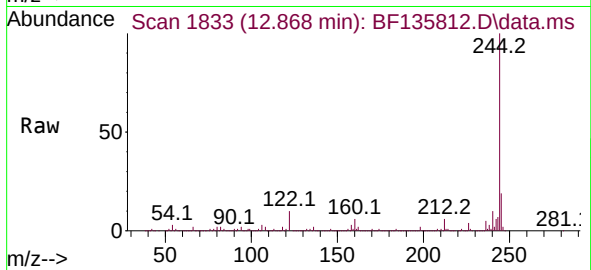
Tgt Ion:244 Resp: 883453

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

122 10.2 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.409 min Scan# 2265

Delta R.T. -0.012 min

Lab File: BF135812.D

Acq: 17 Oct 2023 15:09

Tgt Ion:264 Resp: 168593

Ion Ratio Lower Upper

264 100

260 22.4 19.2 28.8

265 20.9 17.4 26.2

