

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
 Data File : BF136438.D
 Acq On : 06 Dec 2023 20:24
 Operator : CG\JU
 Sample : 05602-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 07 00:55:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

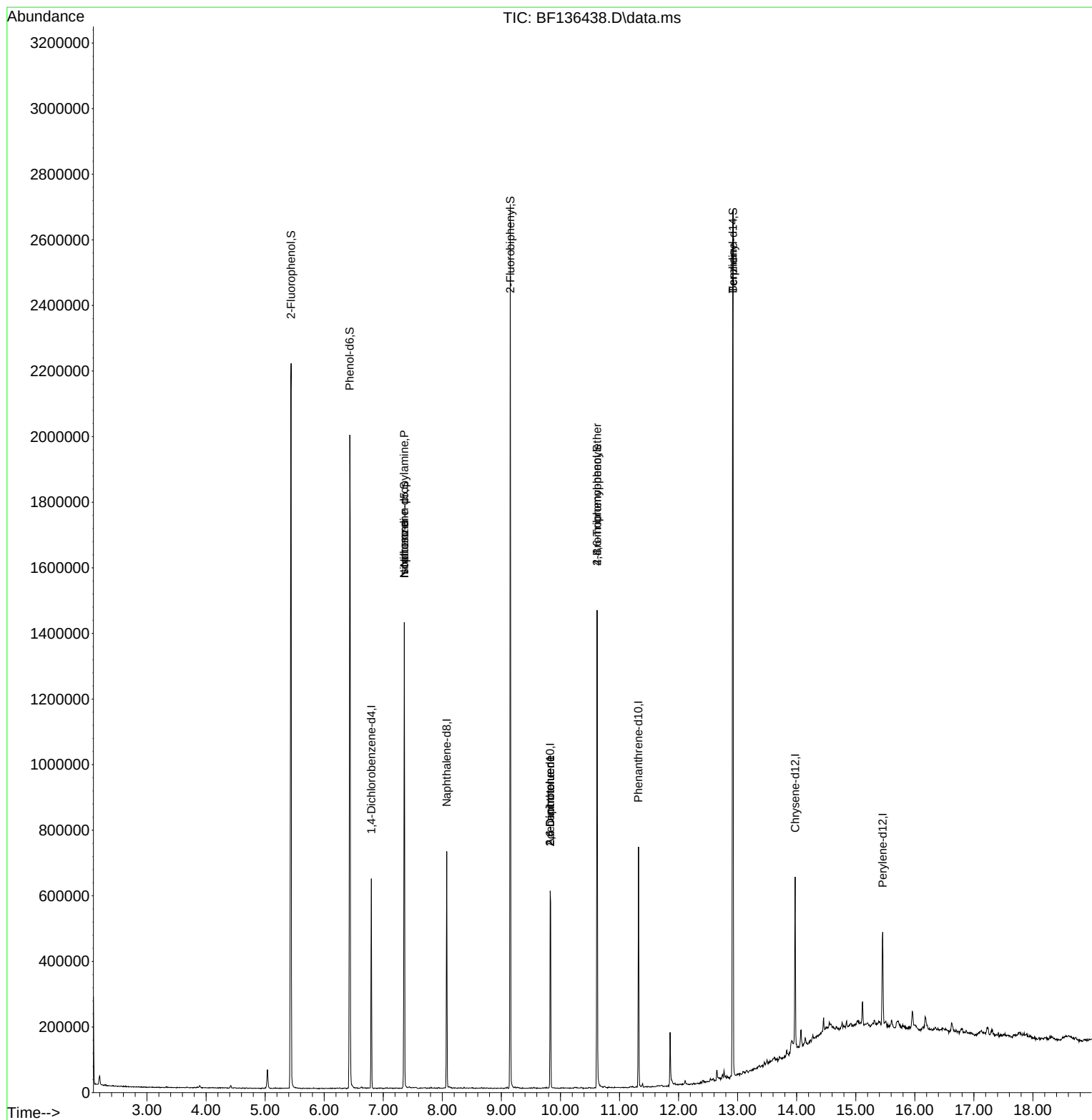
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	86915	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	277426	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	124403	20.000	ng	-0.01
64) Phenanthrene-d10	11.321	188	243815	20.000	ng	0.00
76) Chrysene-d12	13.974	240	168392	20.000	ng	0.00
86) Perylene-d12	15.457	264	139410	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	673871	114.502	ng	0.00
7) Phenol-d6	6.434	99	768128	104.610	ng	-0.01
23) Nitrobenzene-d5	7.357	82	420159	81.874	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	174226	113.584	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	722098	79.203	ng	-0.01
79) Terphenyl-d14	12.921	244	930027	72.795	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.357	77	55	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.357	70	54448	12.855	ng	# 76
25) Isophorone	7.357	82	420151	45.571	ng	# 65
51) 2,6-Dinitrotoluene	9.827	165	15571	7.557	ng	# 29
57) 2,4-Dinitrotoluene	9.827	165	15571	5.712	ng	# 28
67) 4-Bromophenyl-phenylether	10.622	248	10253	3.617	ng	# 1
77) Benizidine	12.921	184	10982	3.156	ng	# 91

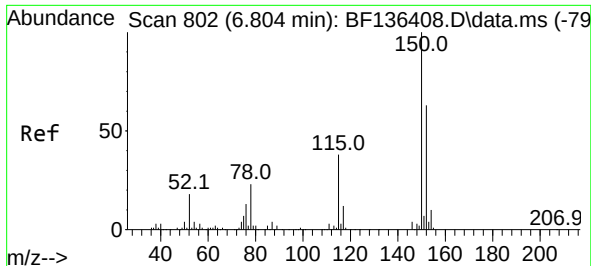
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
Data File : BF136438.D
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

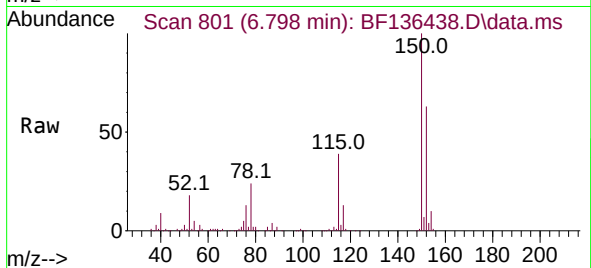
Quant Time: Dec 07 00:55:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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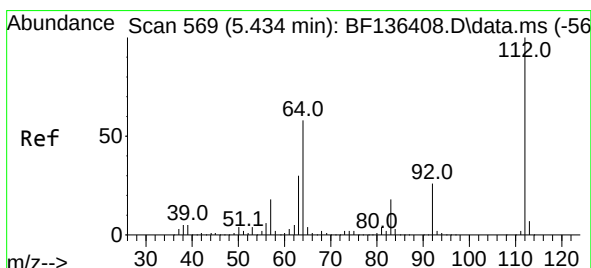
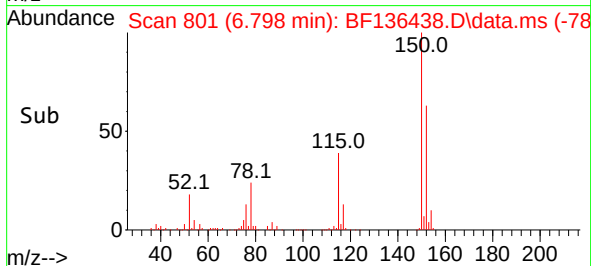
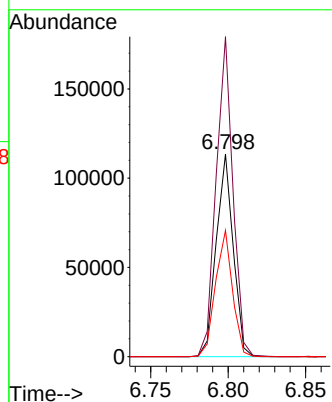


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF136438.D
Acq: 06 Dec 2023 20:24

Instrument :
BNA_F
ClientSampleId :

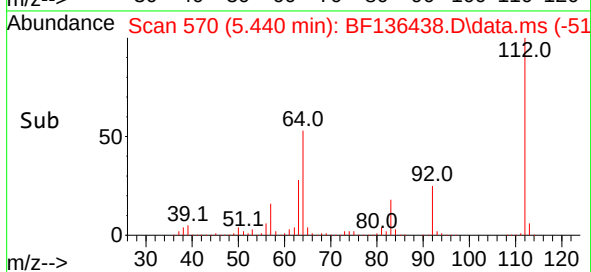
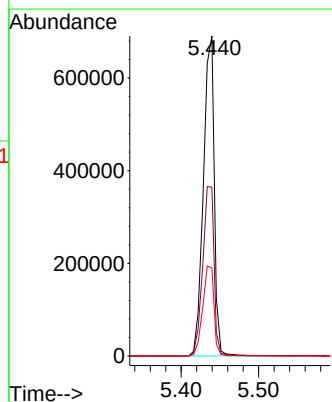
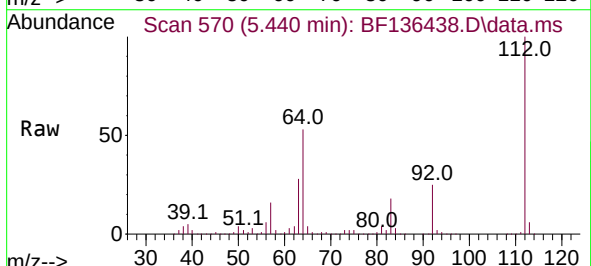


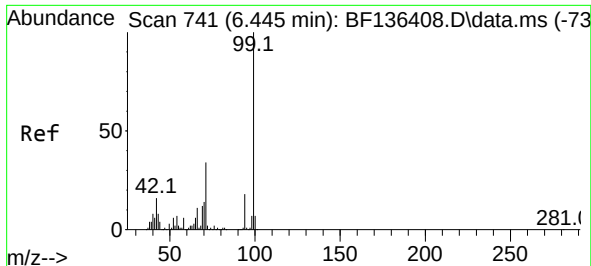
Tgt Ion:152 Resp: 86915
Ion Ratio Lower Upper
152 100
150 157.8 126.4 189.6
115 62.3 48.2 72.4



#5
2-Fluorophenol
Concen: 114.502 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF136438.D
Acq: 06 Dec 2023 20:24

Tgt Ion:112 Resp: 673871
Ion Ratio Lower Upper
112 100
64 52.8 46.5 69.7
63 27.6 23.9 35.9



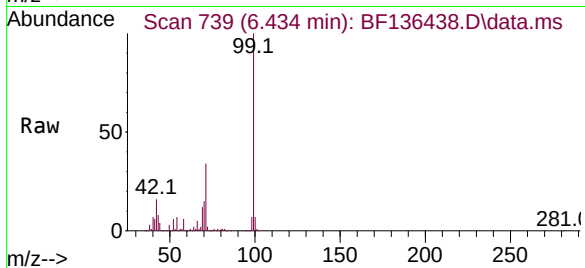


#7
Phenol-d6
Concen: 104.610 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136438.D
Acq: 06 Dec 2023 20:24

Instrument :

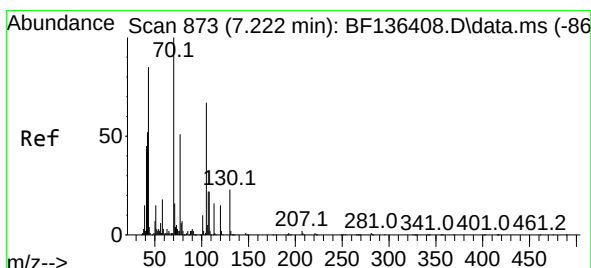
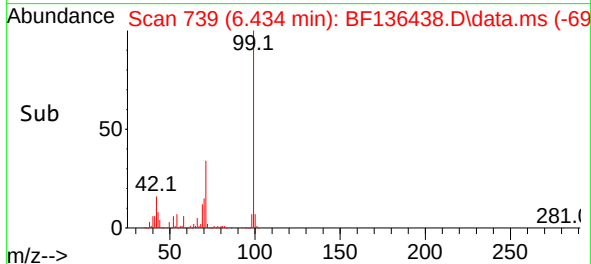
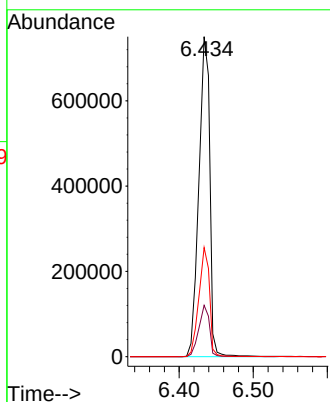
BNA_F

ClientSampleId :



Tgt Ion: 99 Resp: 768128

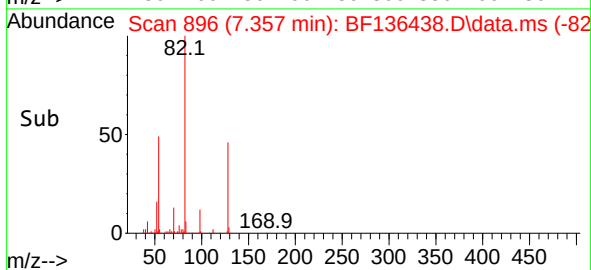
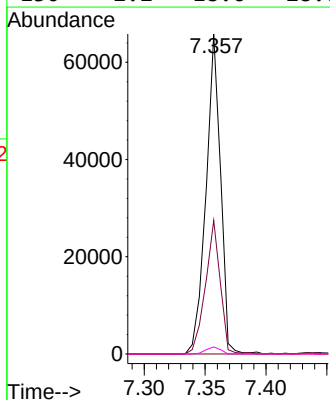
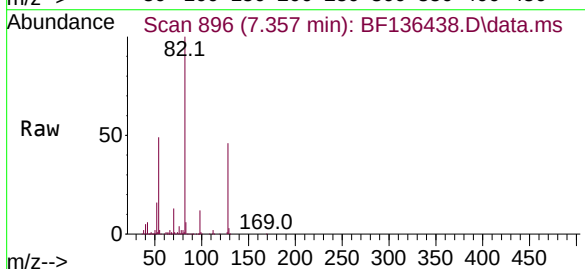
Ion	Ratio	Lower	Upper
99	100		
42	16.1	12.8	19.2
71	34.1	27.0	40.4

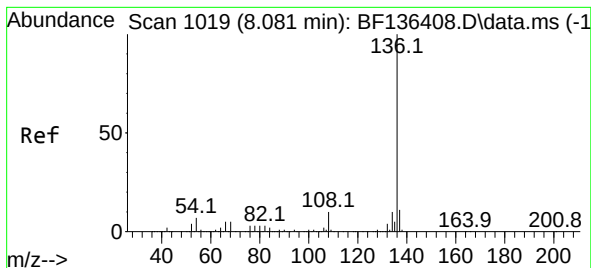


#19
n-Nitroso-di-n-propylamine
Concen: 12.855 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF136438.D
Acq: 06 Dec 2023 20:24

Tgt Ion: 70 Resp: 54448

Ion	Ratio	Lower	Upper
70	100		
42	41.8	41.4	62.0
101	0.0	8.2	12.4#
130	2.2	18.6	28.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1018

Delta R.T. -0.006 min

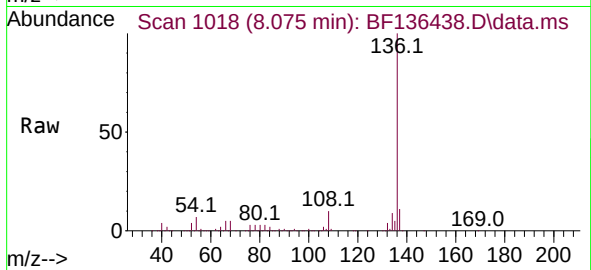
Lab File: BF136438.D

Acq: 06 Dec 2023 20:24

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 277426

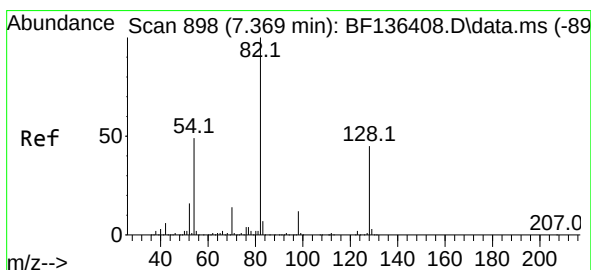
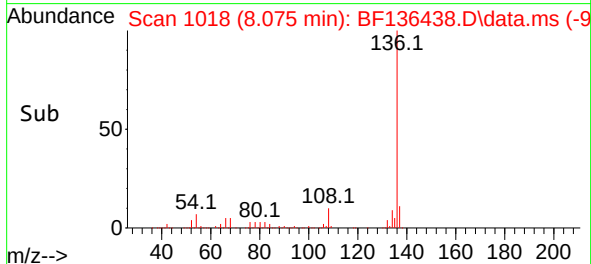
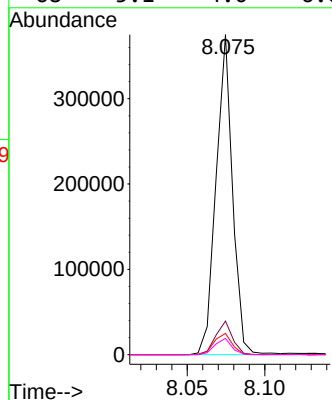
Ion Ratio Lower Upper

136 100

137 10.5 8.6 12.8

54 6.7 5.7 8.5

68 5.1 4.0 6.0



#23

Nitrobenzene-d5

Concen: 81.874 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF136438.D

Acq: 06 Dec 2023 20:24

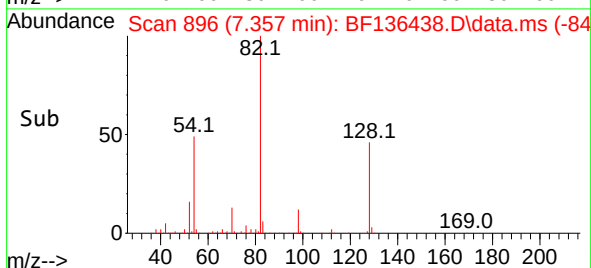
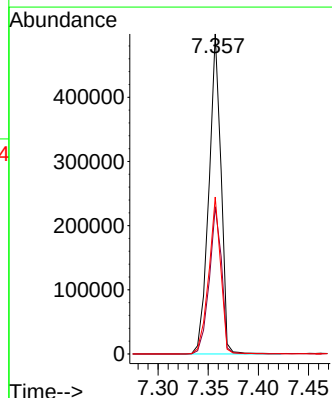
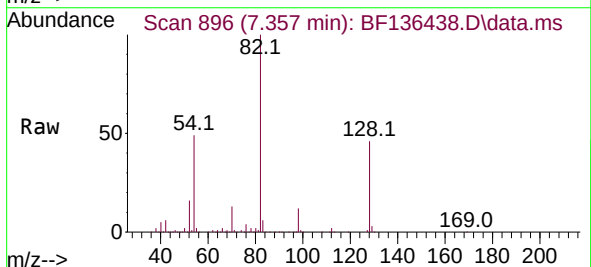
Tgt Ion: 82 Resp: 420159

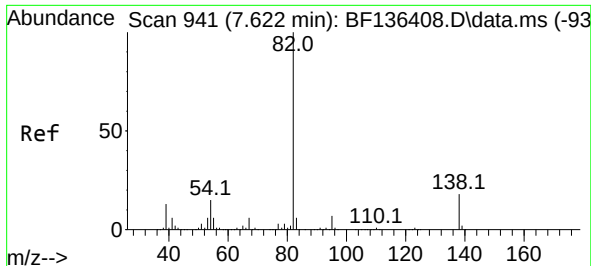
Ion Ratio Lower Upper

82 100

128 46.0 36.3 54.5

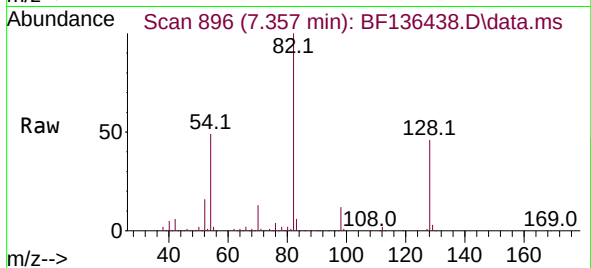
54 49.1 39.0 58.6



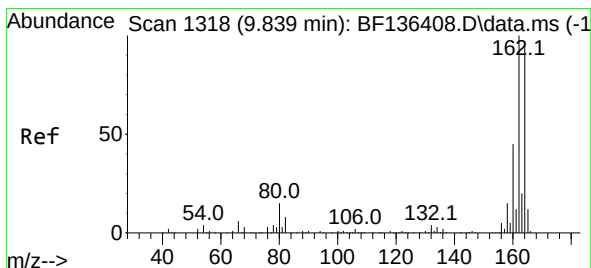
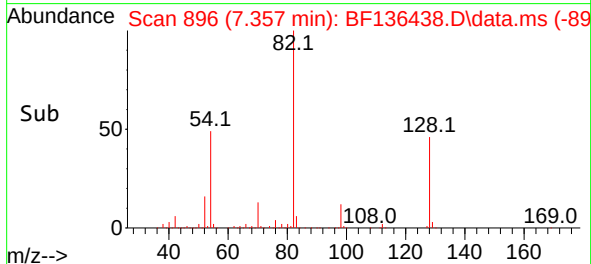
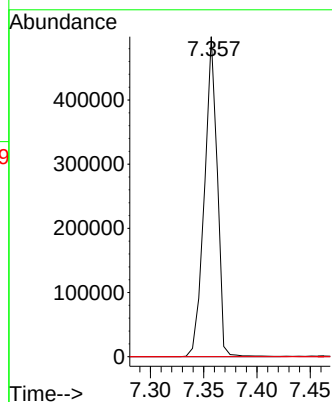


#25
Isophorone
Concen: 45.571 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF136438.D
Acq: 06 Dec 2023 20:24

Instrument :
BNA_F
ClientSampleId :

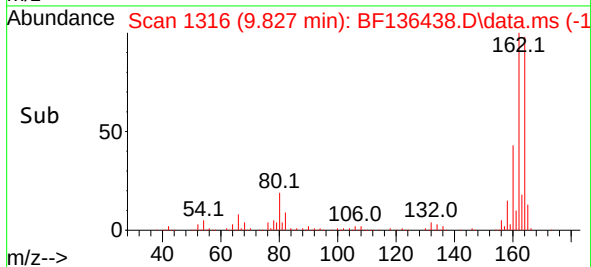
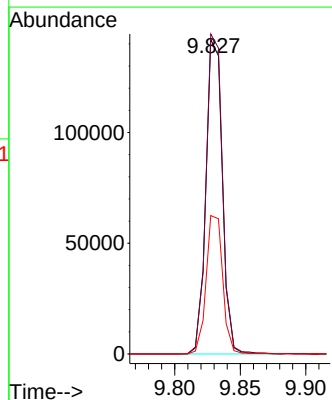
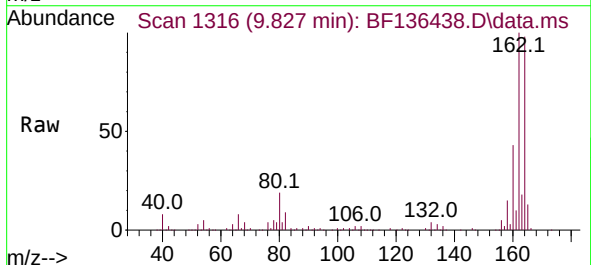


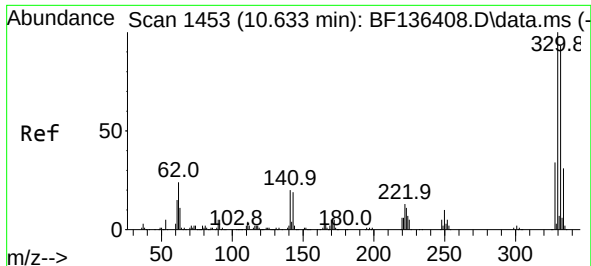
Tgt Ion: 82 Resp: 420151
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF136438.D
Acq: 06 Dec 2023 20:24

Tgt Ion:164 Resp: 124403
Ion Ratio Lower Upper
164 100
162 101.8 84.4 126.6
160 44.0 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 113.584 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

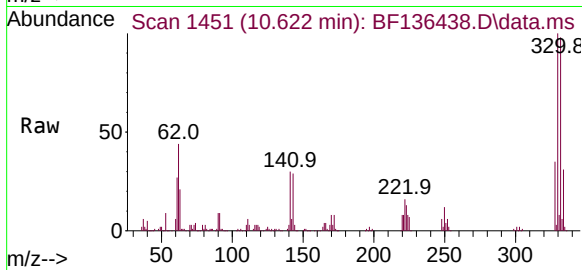
Lab File: BF136438.D

Acq: 06 Dec 2023 20:24

Instrument :

BNA_F

ClientSampleId :



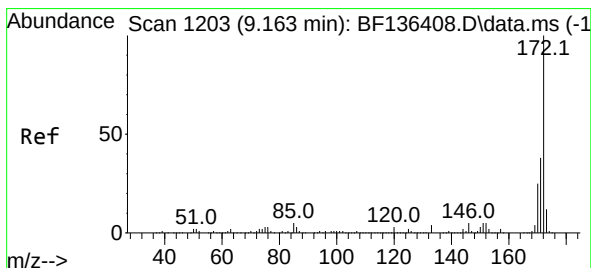
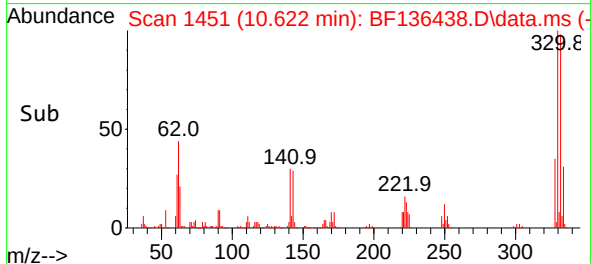
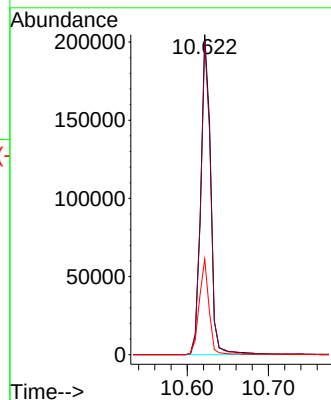
Tgt Ion:330 Resp: 174226

Ion Ratio Lower Upper

330 100

332 97.4 76.4 114.6

141 29.4 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 79.203 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136438.D

Acq: 06 Dec 2023 20:24

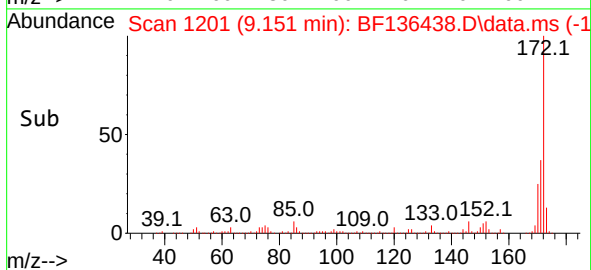
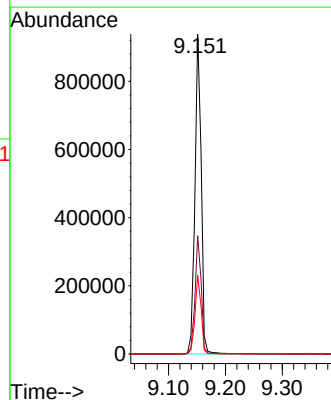
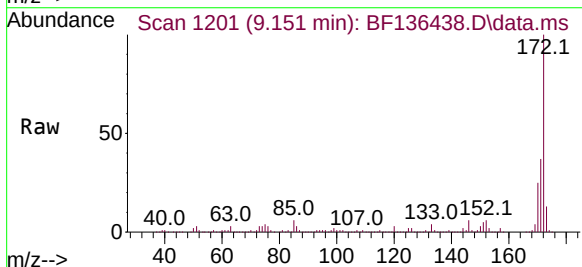
Tgt Ion:172 Resp: 722098

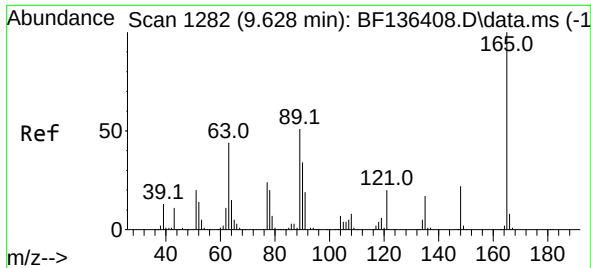
Ion Ratio Lower Upper

172 100

171 37.0 30.5 45.7

170 24.5 19.9 29.9

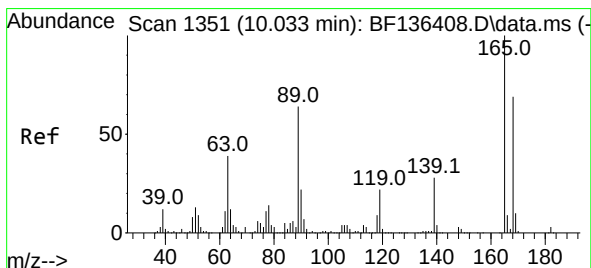
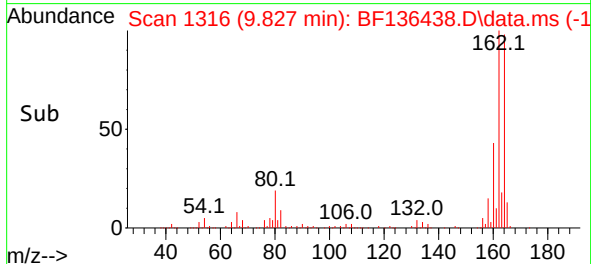
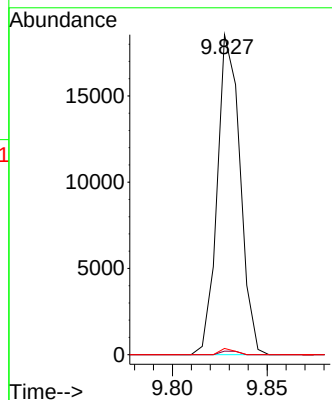
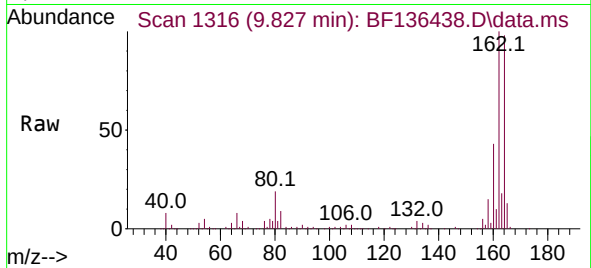




#51
2,6-Dinitrotoluene
Concen: 7.557 ng
RT: 9.827 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF136438.D
Acq: 06 Dec 2023 20:24

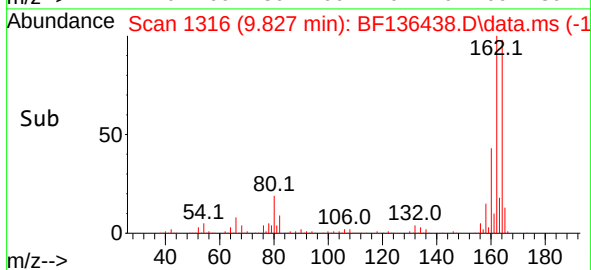
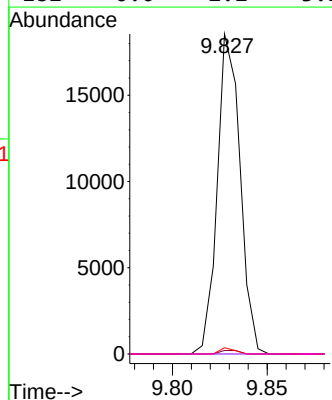
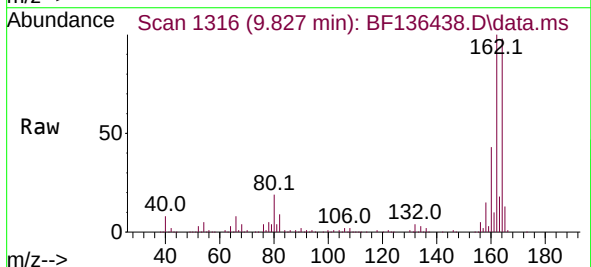
Instrument :
BNA_F
ClientSampleId :

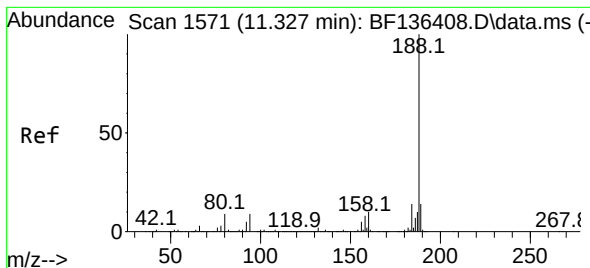
Tgt Ion:165 Resp: 15571
Ion Ratio Lower Upper
165 100
63 1.1 40.4 60.6#
89 1.9 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.712 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.206 min
Lab File: BF136438.D
Acq: 06 Dec 2023 20:24

Tgt Ion:165 Resp: 15571
Ion Ratio Lower Upper
165 100
63 1.1 31.4 47.2#
89 1.9 51.7 77.5#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.321 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136438.D

Acq: 06 Dec 2023 20:24

Instrument :

BNA_F

ClientSampleId :

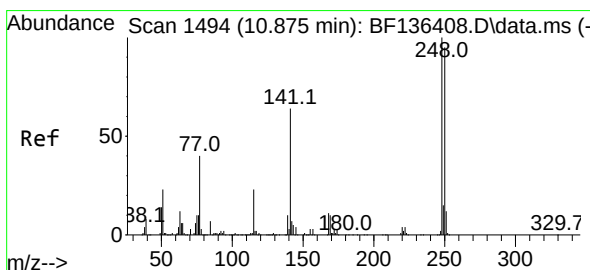
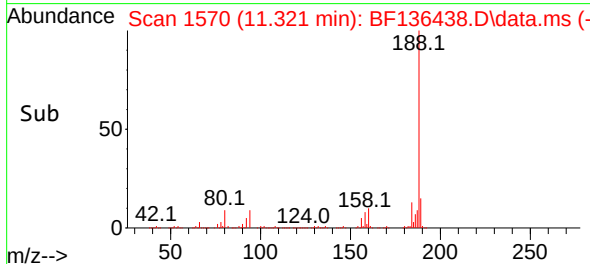
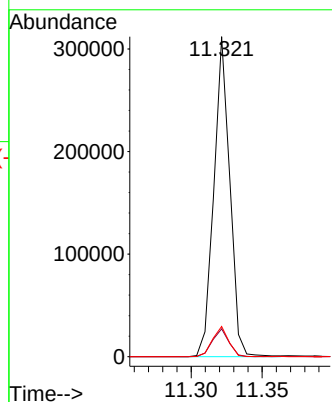
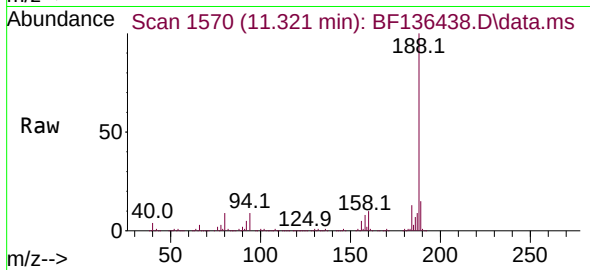
Tgt Ion:188 Resp: 243815

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

80 9.4 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 3.617 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.253 min

Lab File: BF136438.D

Acq: 06 Dec 2023 20:24

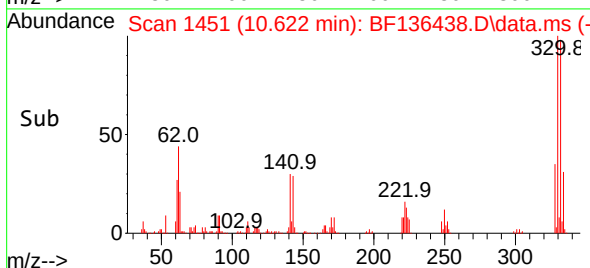
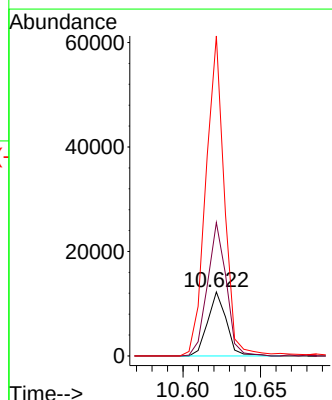
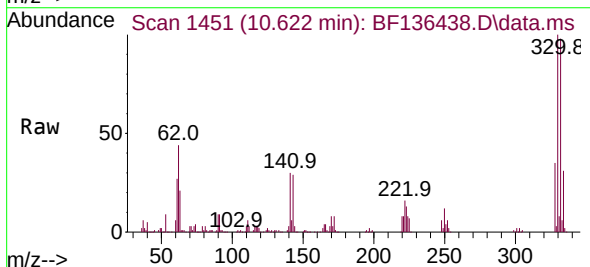
Tgt Ion:248 Resp: 10253

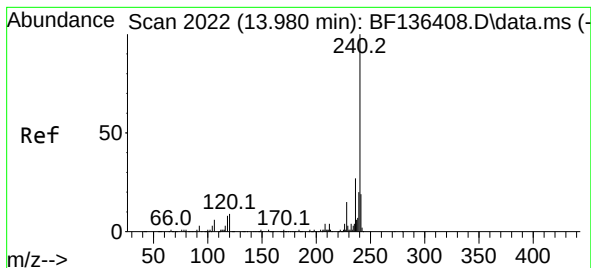
Ion Ratio Lower Upper

248 100

250 208.5 76.2 114.2#

141 500.2 51.0 76.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136438.D

Acq: 06 Dec 2023 20:24

Instrument :

BNA_F

ClientSampleId :

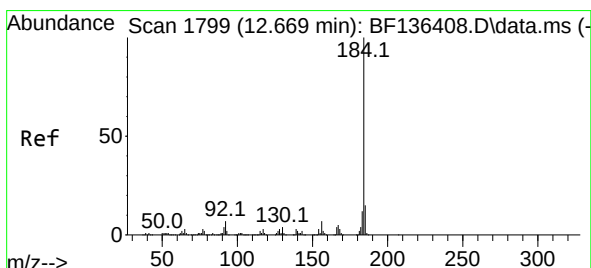
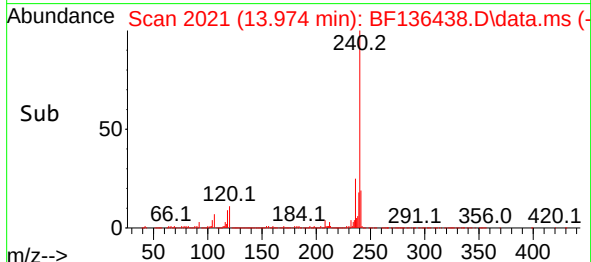
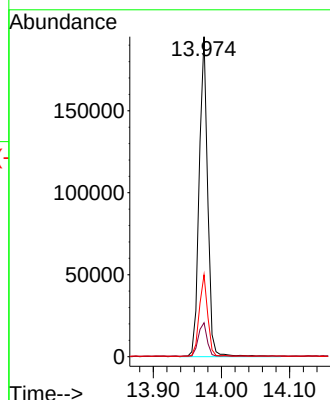
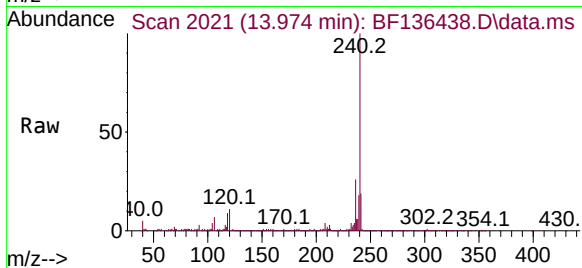
Tgt Ion:240 Resp: 168392

Ion Ratio Lower Upper

240 100

120 10.6 7.3 10.9

236 25.6 21.3 31.9



#77

Benzidine

Concen: 3.156 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.252 min

Lab File: BF136438.D

Acq: 06 Dec 2023 20:24

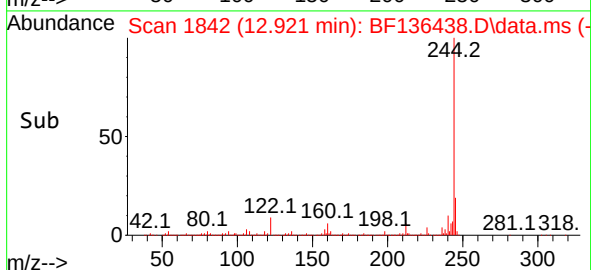
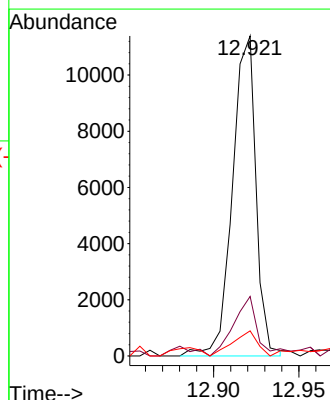
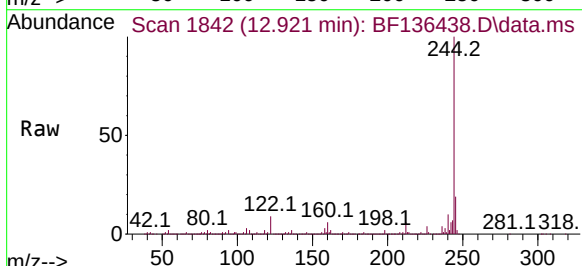
Tgt Ion:184 Resp: 10982

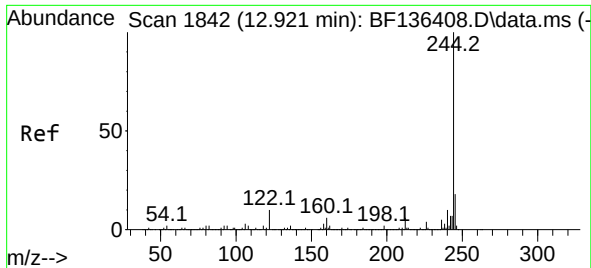
Ion Ratio Lower Upper

184 100

185 18.6 12.0 18.0#

183 7.9 9.4 14.0#

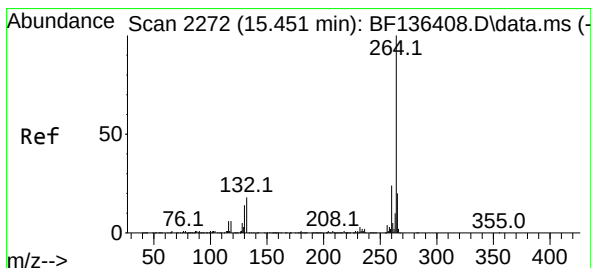
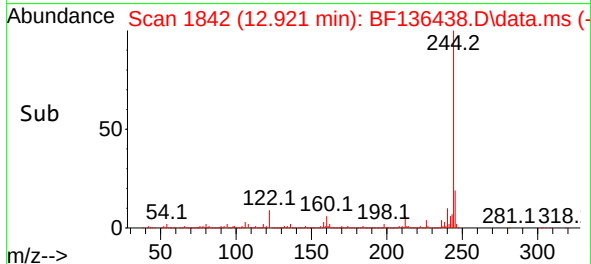
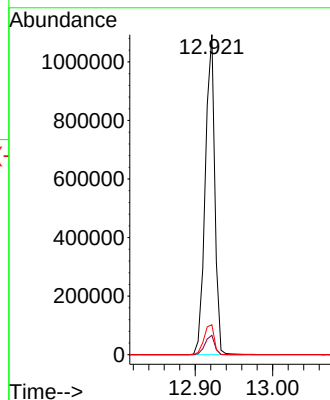
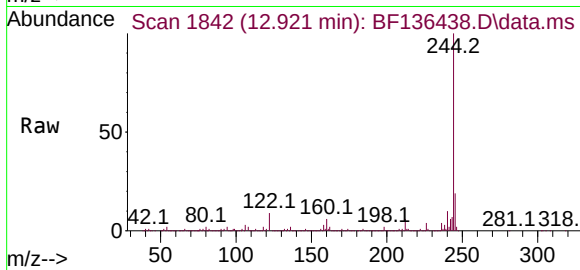




#79
 Terphenyl-d14
 Concen: 72.795 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: BF136438.D
 Acq: 06 Dec 2023 20:24

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:244 Resp: 930027
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.0 7.4
 122 9.4 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. 0.006 min
 Lab File: BF136438.D
 Acq: 06 Dec 2023 20:24

Tgt Ion:264 Resp: 139410
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.2 28.8
 265 21.5 15.9 23.9

