

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
 Data File : BF136608.D
 Acq On : 18 Dec 2023 11:46
 Operator : CG\JU
 Sample : PB157718BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157718BL

Quant Time: Dec 18 12:05:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

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

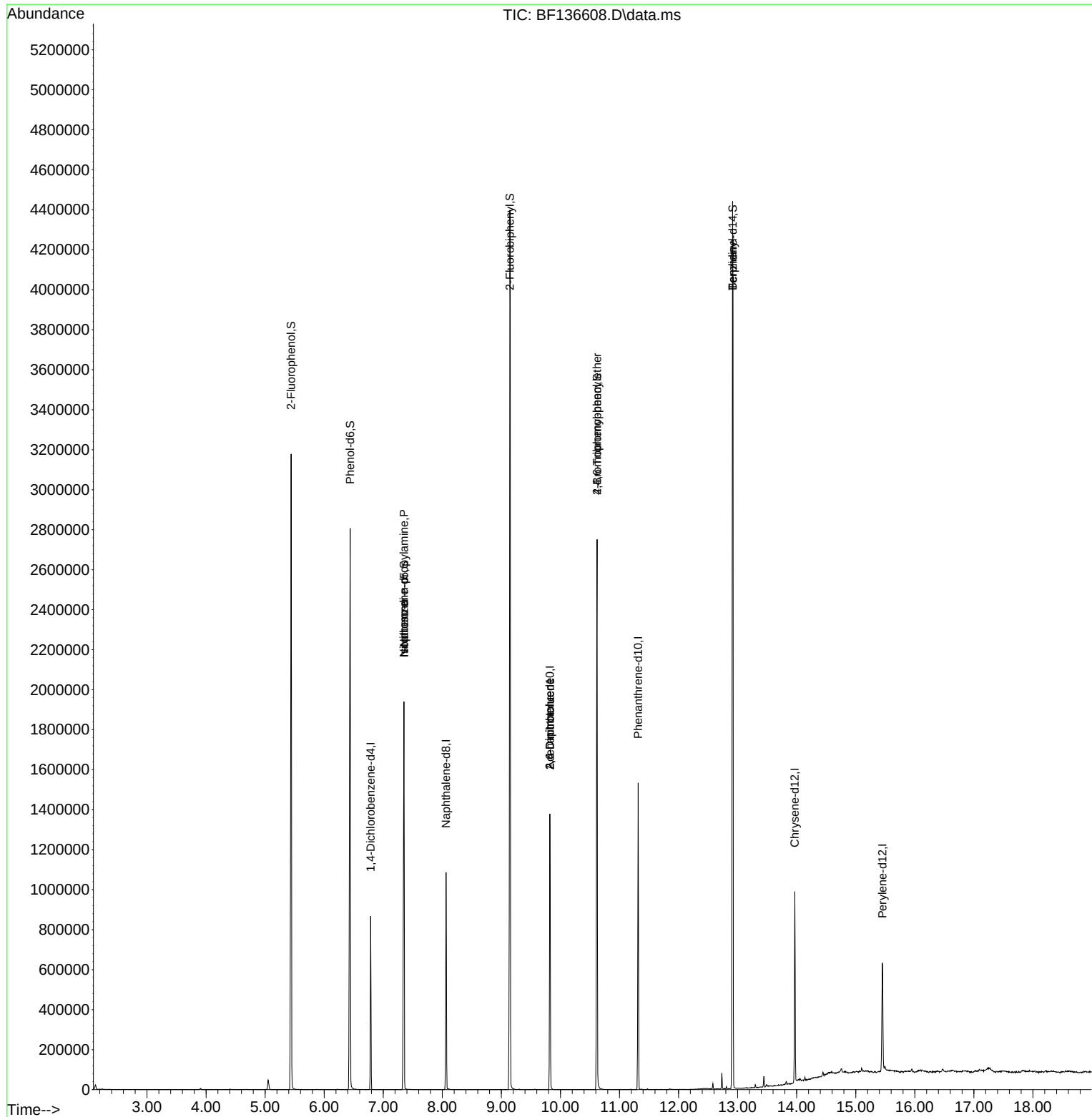
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	120532	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	496461	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	277017	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	522021	20.000	ng	0.00
76) Chrysene-d12	13.968	240	304233	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	263399	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	955903	117.123	ng	0.02
7) Phenol-d6	6.440	99	1159659	113.884	ng	0.00
23) Nitrobenzene-d5	7.351	82	720248	78.429	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	381422	111.669	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1570249	77.346	ng	0.00
79) Terphenyl-d14	12.916	244	1840945	79.756	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.440	77	1491	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.351	70	92904	15.816	ng	# 75
25) Isophorone	7.351	82	720238	43.653	ng	# 65
51) 2,6-Dinitrotoluene	9.822	165	35256	7.684	ng	# 28
57) 2,4-Dinitrotoluene	9.822	165	35256	5.808	ng	# 28
67) 4-Bromophenyl-phenylether	10.622	248	23288	3.837	ng	# 1
77) Benizidine	12.916	184	21816	3.955	ng	# 91

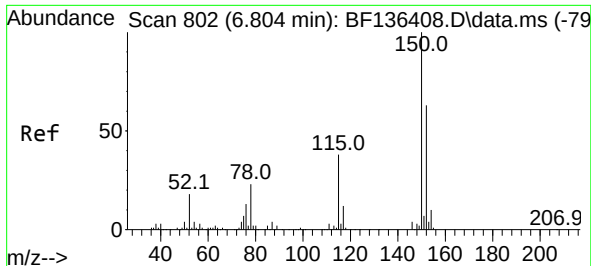
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 15 00:33:23 2023
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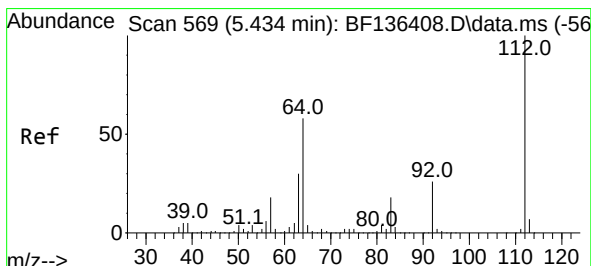
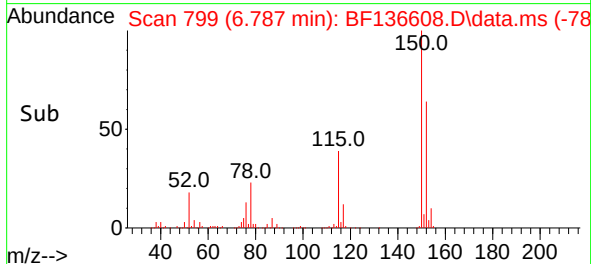
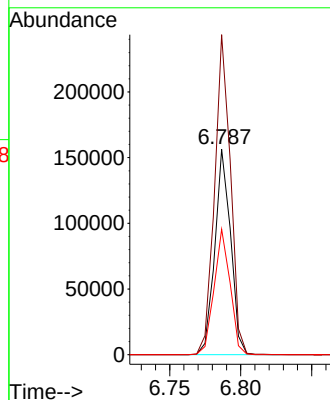
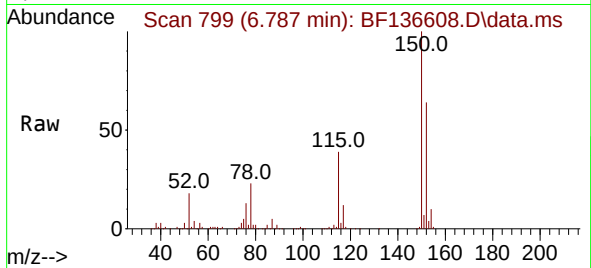




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF136608.D
Acq: 18 Dec 2023 11:46

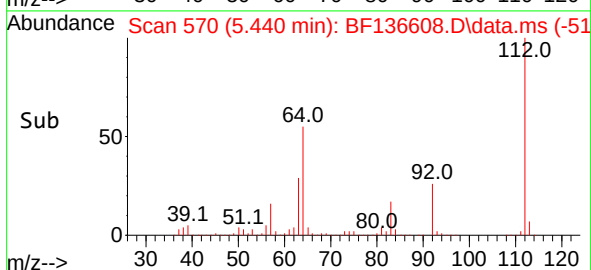
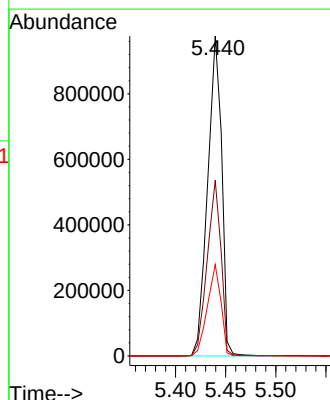
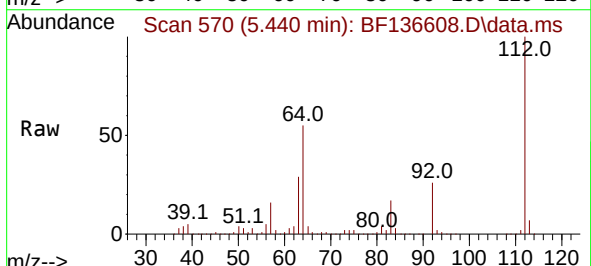
Instrument :
BNA_F
ClientSampleId :
PB157718BL

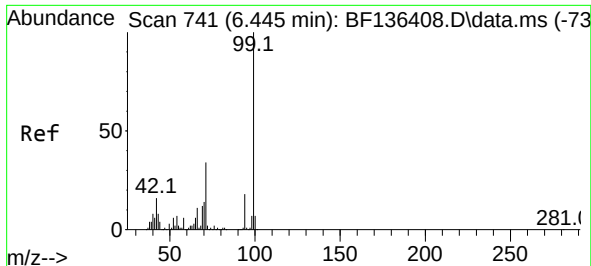
Tgt Ion:152 Resp: 120532
Ion Ratio Lower Upper
152 100
150 155.7 126.4 189.6
115 61.0 48.2 72.4



#5
2-Fluorophenol
Concen: 117.123 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.018 min
Lab File: BF136608.D
Acq: 18 Dec 2023 11:46

Tgt Ion:112 Resp: 955903
Ion Ratio Lower Upper
112 100
64 54.9 46.5 69.7
63 28.6 23.9 35.9



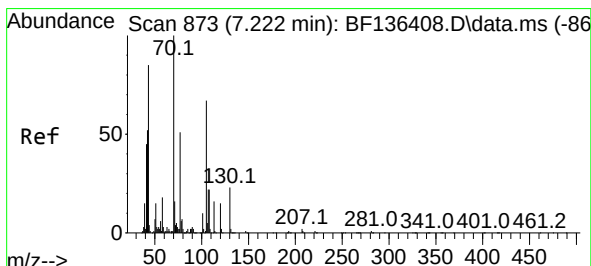
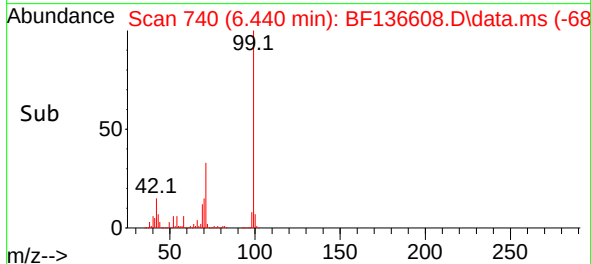
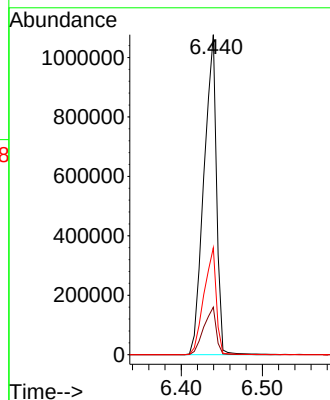
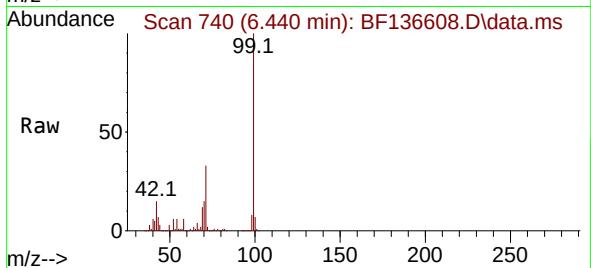


#7
Phenol-d6
Concen: 113.884 ng
RT: 6.440 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136608.D
Acq: 18 Dec 2023 11:46

Instrument :
BNA_F
ClientSampleId :
PB157718BL

Tgt Ion: 99 Resp: 1159659

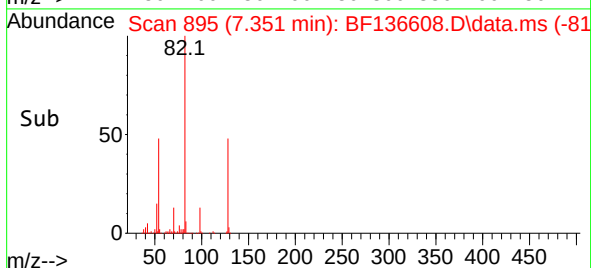
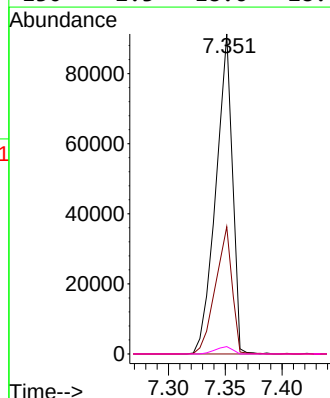
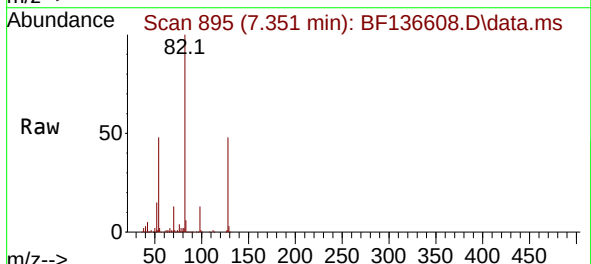
Ion	Ratio	Lower	Upper
99	100		
42	14.9	12.8	19.2
71	33.4	27.0	40.4

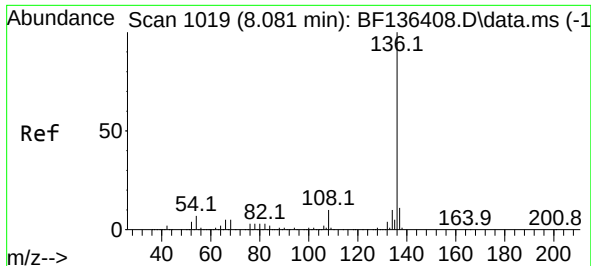


#19
n-Nitroso-di-n-propylamine
Concen: 15.816 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.147 min
Lab File: BF136608.D
Acq: 18 Dec 2023 11:46

Tgt Ion: 70 Resp: 92904

Ion	Ratio	Lower	Upper
70	100		
42	39.8	41.4	62.0#
101	0.0	8.2	12.4#
130	2.3	18.6	28.0#



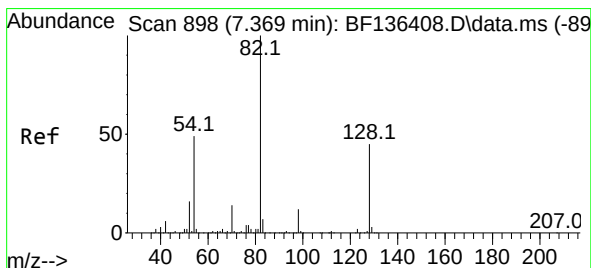
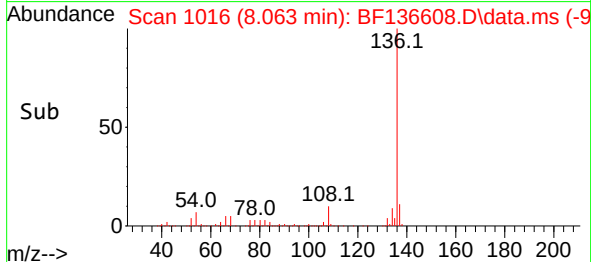
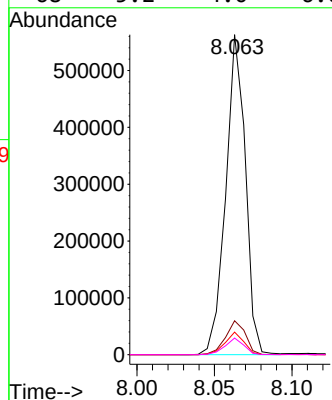
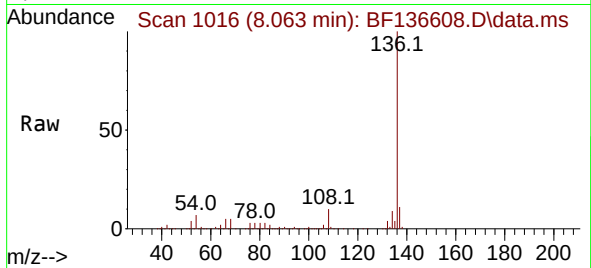


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136608.D
Acq: 18 Dec 2023 11:46

Instrument :
BNA_F
ClientSampleId :
PB157718BL

Tgt Ion:136 Resp: 496461

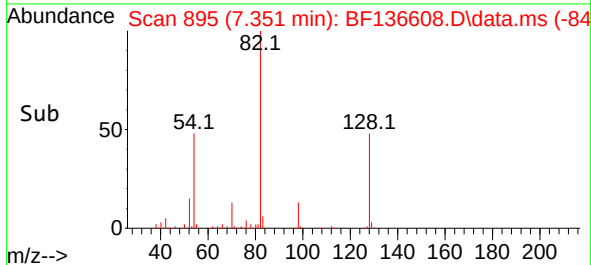
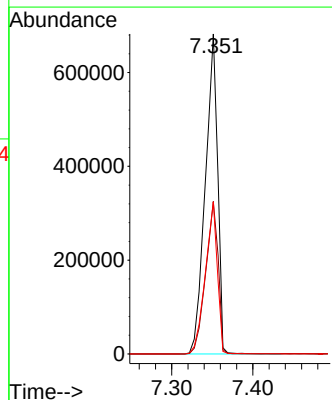
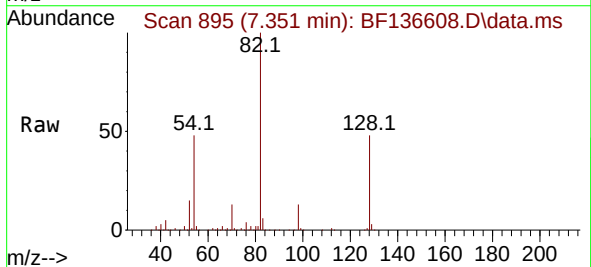
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	7.0	5.7	8.5
68	5.2	4.0	6.0

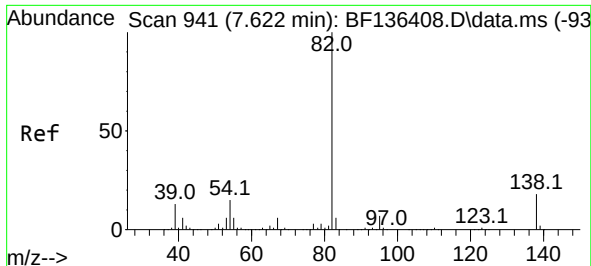


#23
Nitrobenzene-d5
Concen: 78.429 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF136608.D
Acq: 18 Dec 2023 11:46

Tgt Ion: 82 Resp: 720248

Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.3	54.5
54	47.5	39.0	58.6

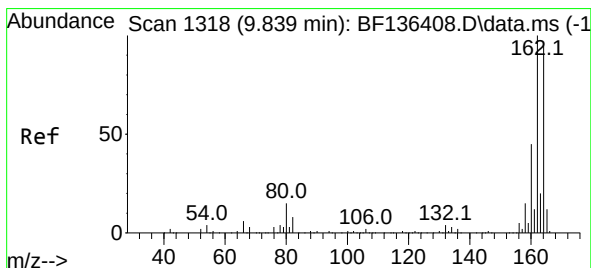
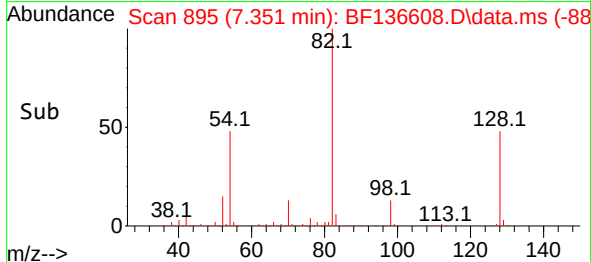
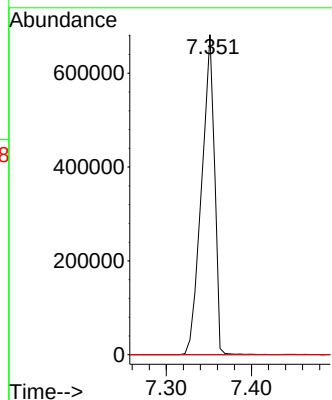
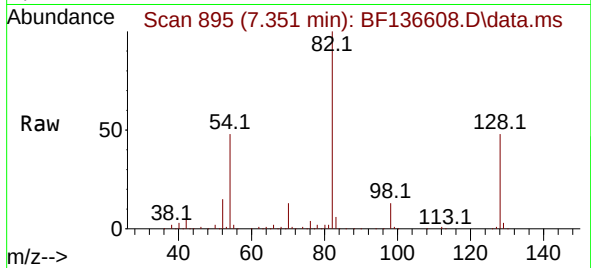




#25
Isophorone
Concen: 43.653 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.259 min
Lab File: BF136608.D
Acq: 18 Dec 2023 11:46

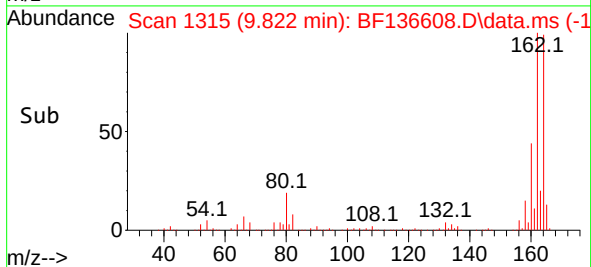
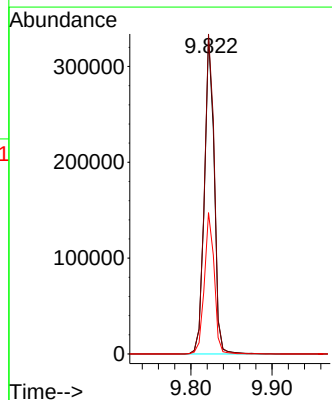
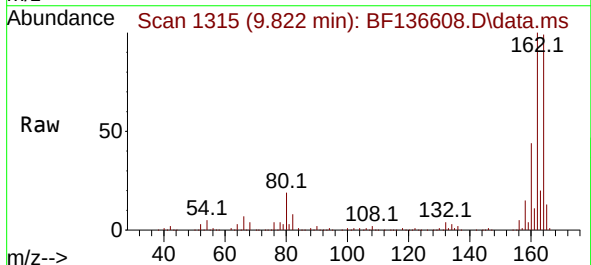
Instrument :
BNA_F
ClientSampleId :
PB157718BL

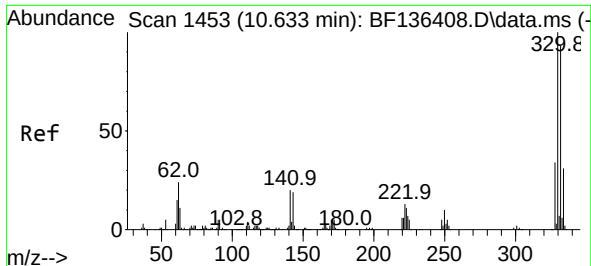
Tgt Ion: 82 Resp: 720238
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF136608.D
Acq: 18 Dec 2023 11:46

Tgt Ion: 164 Resp: 277017
Ion Ratio Lower Upper
164 100
162 101.0 84.4 126.6
160 44.6 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 111.669 ng

RT: 10.622 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF136608.D

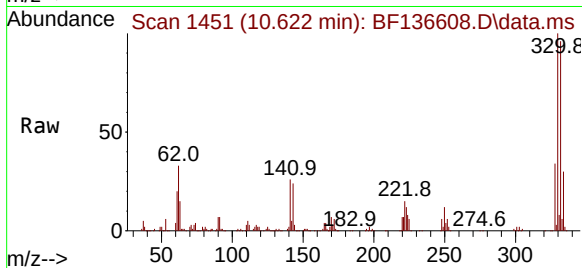
Acq: 18 Dec 2023 11:46

Instrument :

BNA_F

ClientSampleId :

PB157718BL



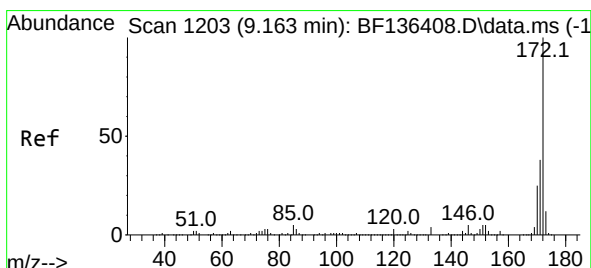
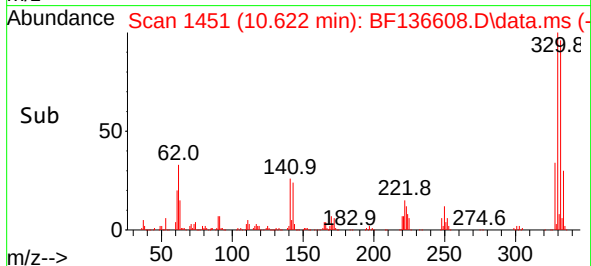
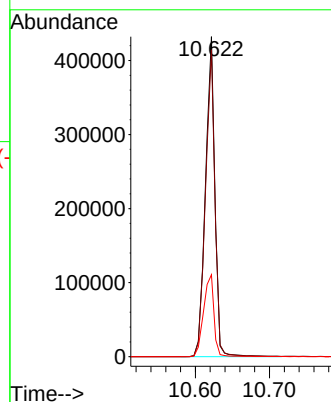
Tgt Ion:330 Resp: 381422

Ion Ratio Lower Upper

330 100

332 96.8 76.4 114.6

141 28.3 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 77.346 ng

RT: 9.145 min Scan# 1200

Delta R.T. 0.000 min

Lab File: BF136608.D

Acq: 18 Dec 2023 11:46

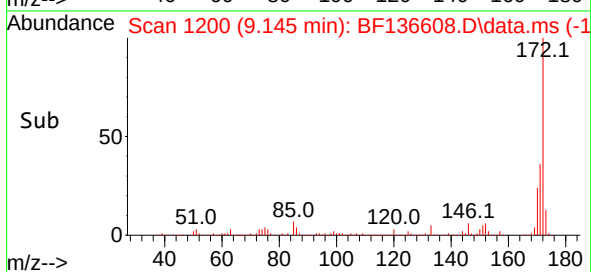
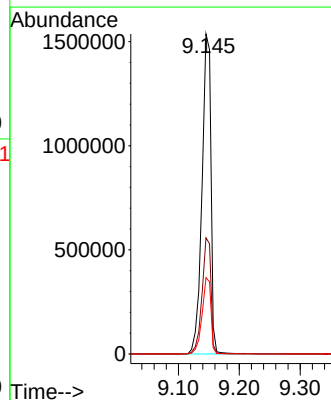
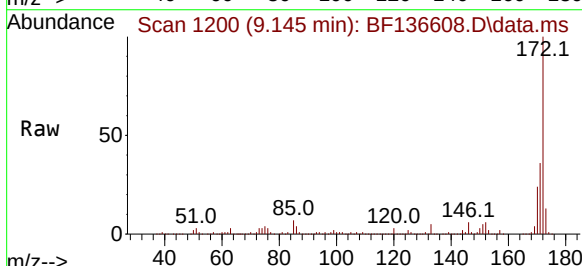
Tgt Ion:172 Resp: 1570249

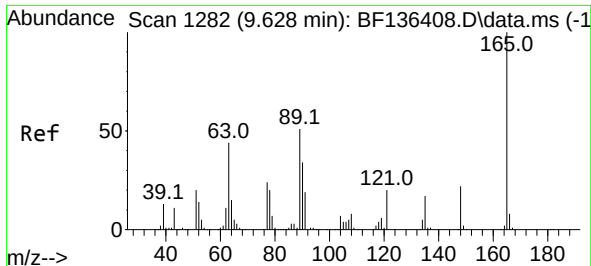
Ion Ratio Lower Upper

172 100

171 36.3 30.5 45.7

170 23.9 19.9 29.9

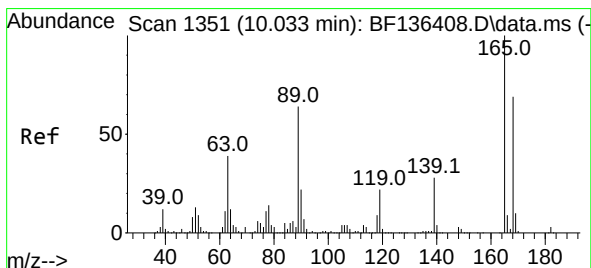
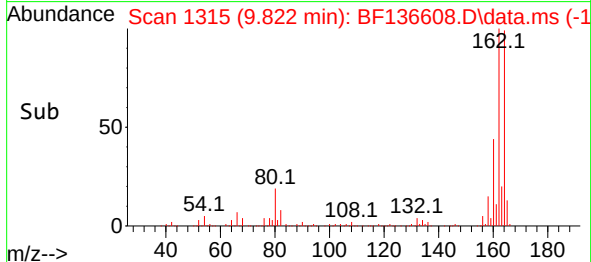
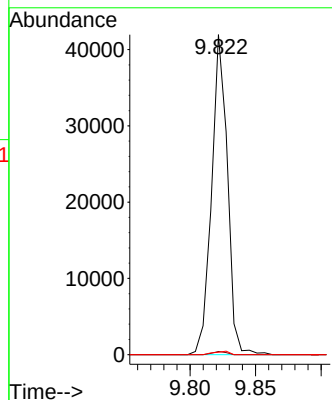
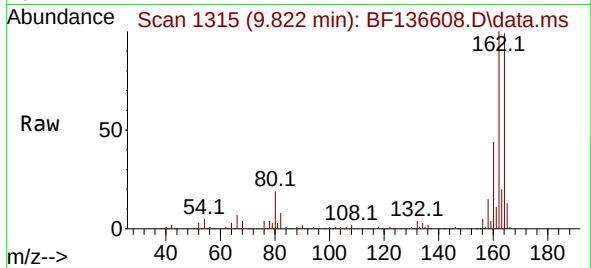




#51
2,6-Dinitrotoluene
Concen: 7.684 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF136608.D
Acq: 18 Dec 2023 11:46

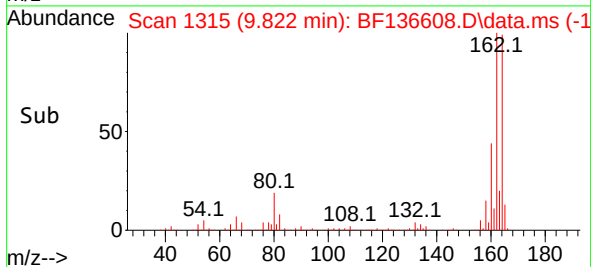
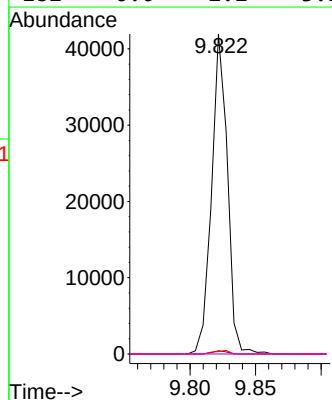
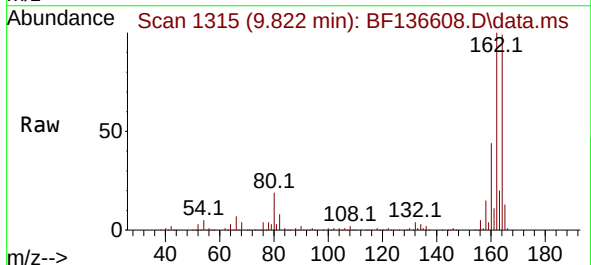
Instrument :
BNA_F
ClientSampleId :
PB157718BL

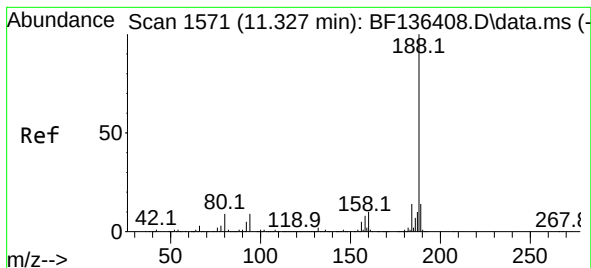
Tgt Ion:165 Resp: 35256
Ion Ratio Lower Upper
165 100
63 1.0 40.4 60.6#
89 0.7 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.808 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.200 min
Lab File: BF136608.D
Acq: 18 Dec 2023 11:46

Tgt Ion:165 Resp: 35256
Ion Ratio Lower Upper
165 100
63 1.0 31.4 47.2#
89 0.7 51.7 77.5#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136608.D

Acq: 18 Dec 2023 11:46

Instrument :

BNA_F

ClientSampleId :

PB157718BL

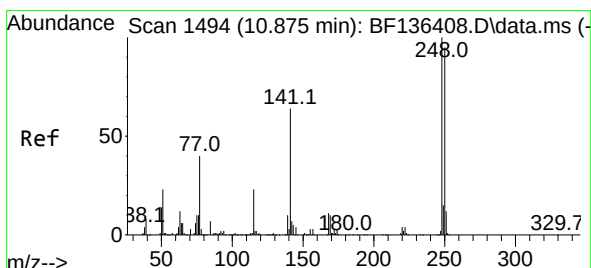
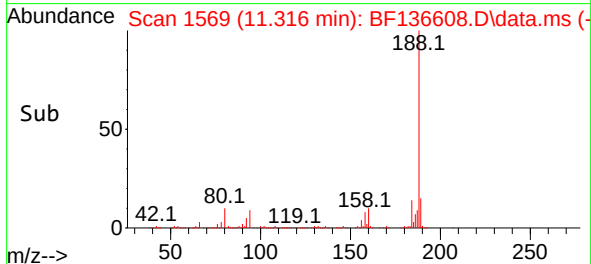
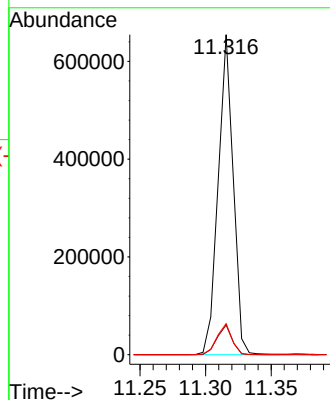
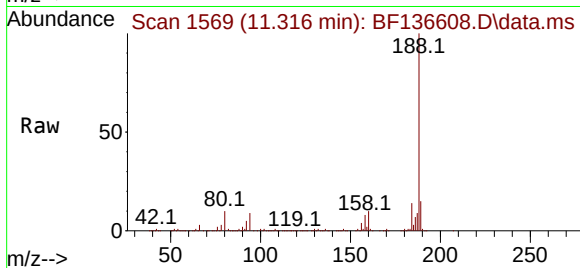
Tgt Ion:188 Resp: 522021

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

80 9.7 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 3.837 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.241 min

Lab File: BF136608.D

Acq: 18 Dec 2023 11:46

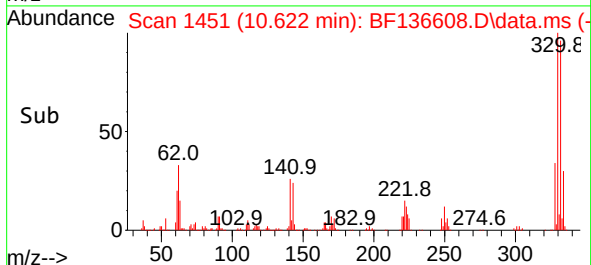
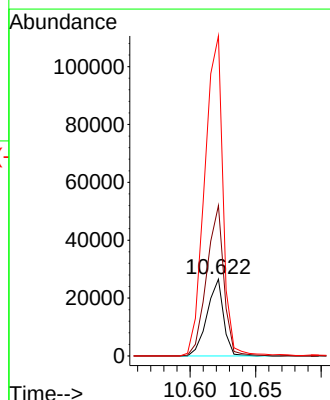
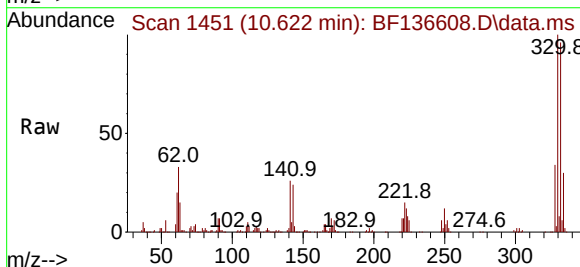
Tgt Ion:248 Resp: 23288

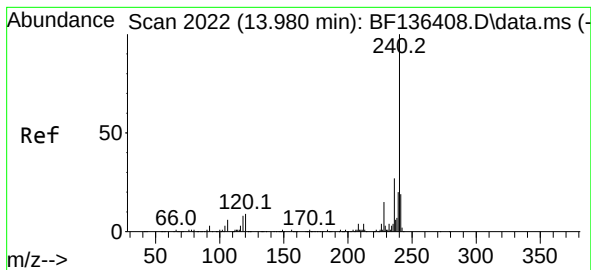
Ion Ratio Lower Upper

248 100

250 195.9 76.2 114.2#

141 416.8 51.0 76.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF136608.D

Acq: 18 Dec 2023 11:46

Instrument :

BNA_F

ClientSampleId :

PB157718BL

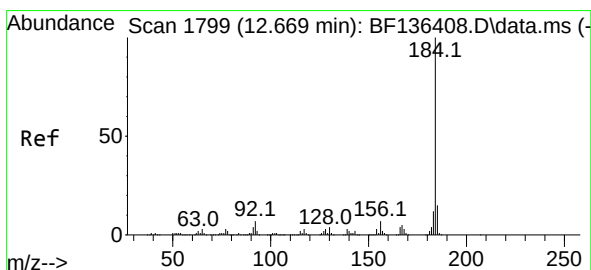
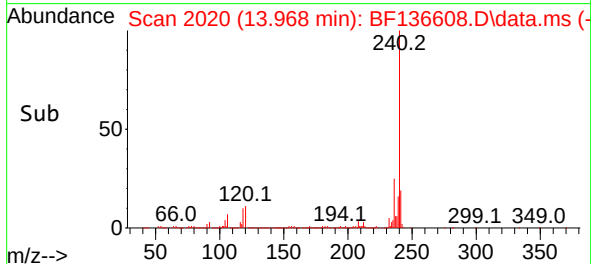
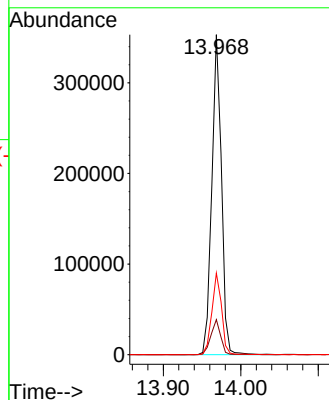
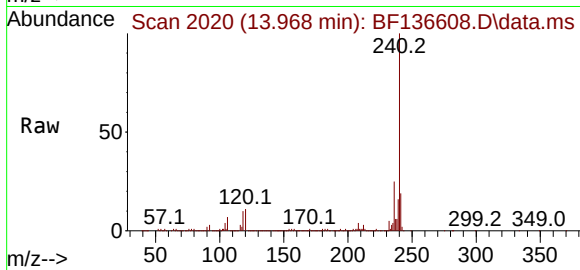
Tgt Ion:240 Resp: 304233

Ion Ratio Lower Upper

240 100

120 10.9 7.3 10.9#

236 25.5 21.3 31.9



#77

Benzidine

Concen: 3.955 ng

RT: 12.916 min Scan# 1841

Delta R.T. 0.259 min

Lab File: BF136608.D

Acq: 18 Dec 2023 11:46

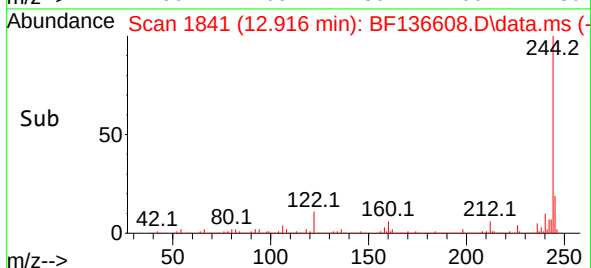
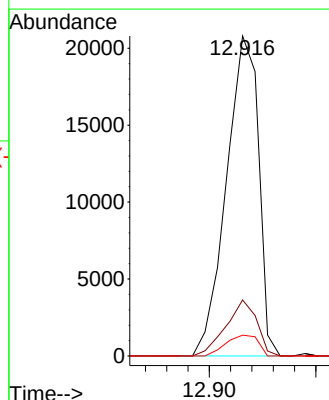
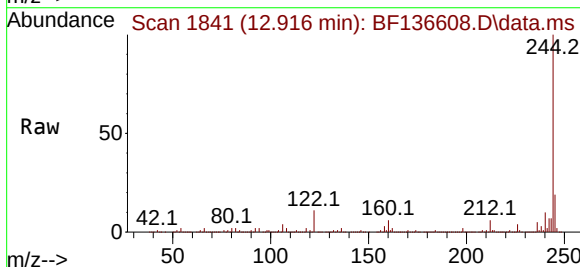
Tgt Ion:184 Resp: 21816

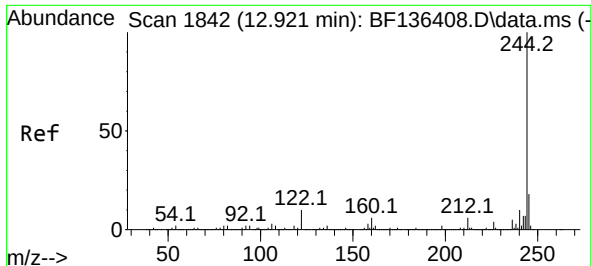
Ion Ratio Lower Upper

184 100

185 17.5 12.0 18.0

183 6.5 9.4 14.0#

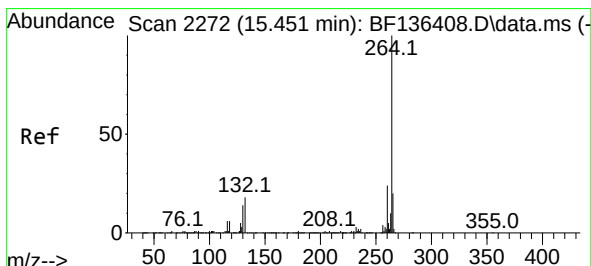
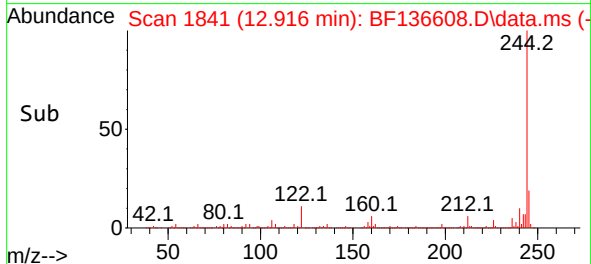
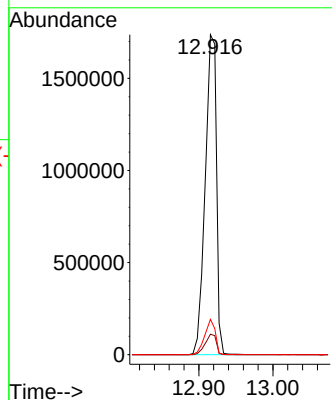
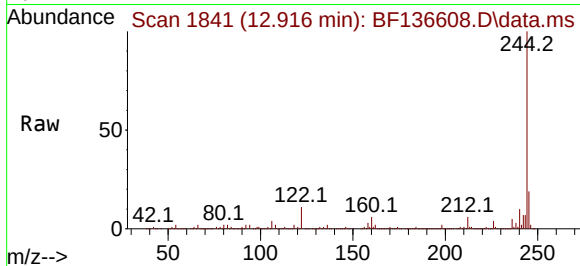




#79
 Terphenyl-d14
 Concen: 79.756 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. 0.006 min
 Lab File: BF136608.D
 Acq: 18 Dec 2023 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB157718BL

Tgt Ion:244 Resp: 1840945
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 11.0 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. 0.012 min
 Lab File: BF136608.D
 Acq: 18 Dec 2023 11:46

Tgt Ion:264 Resp: 263399
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.4 15.9 23.9

