

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
 Data File : BF136611.D
 Acq On : 18 Dec 2023 13:21
 Operator : CG\JU
 Sample : PB157801BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157801BL

Quant Time: Dec 18 13:55:40 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)

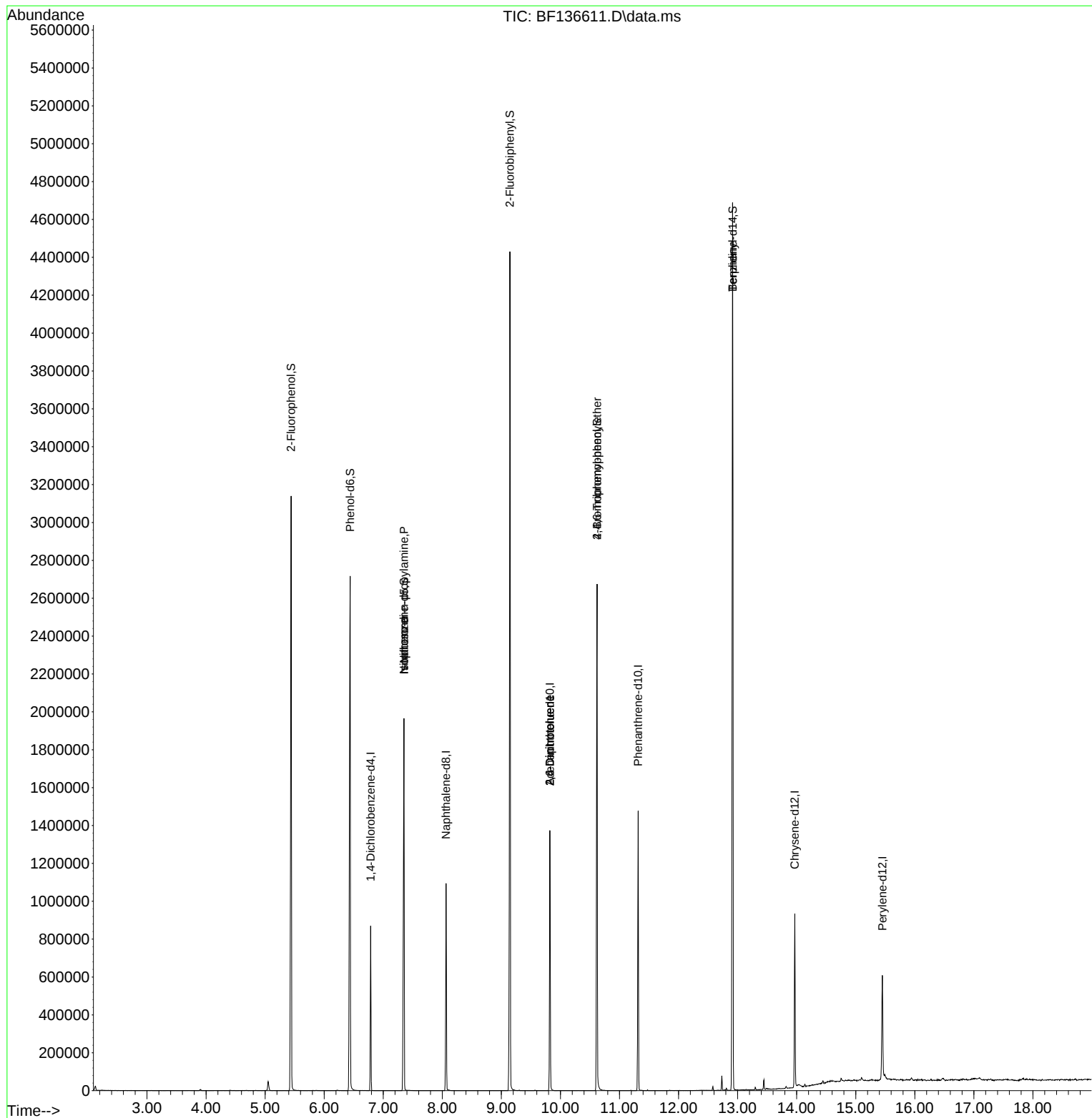
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	118640	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	499738	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	270034	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	515123	20.000	ng	0.00
76) Chrysene-d12	13.968	240	302281	20.000	ng	0.00
86) Perylene-d12	15.451	264	261247	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	942173	117.281	ng	0.02
7) Phenol-d6	6.439	99	1155203	115.256	ng	0.00
23) Nitrobenzene-d5	7.351	82	712883	77.118	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	371634	111.617	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1541819	77.909	ng	0.00
79) Terphenyl-d14	12.915	244	1813031	79.054	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.439	77	1595	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.351	70	92434	15.987	ng	# 76
25) Isophorone	7.351	82	712873	42.924	ng	# 65
51) 2,6-Dinitrotoluene	9.822	165	34481	7.709	ng	# 29
57) 2,4-Dinitrotoluene	9.822	165	34481	5.828	ng	# 28
67) 4-Bromophenyl-phenylether	10.621	248	22914	3.826	ng	# 1
77) Benizidine	12.915	184	20183	3.353	ng	# 94

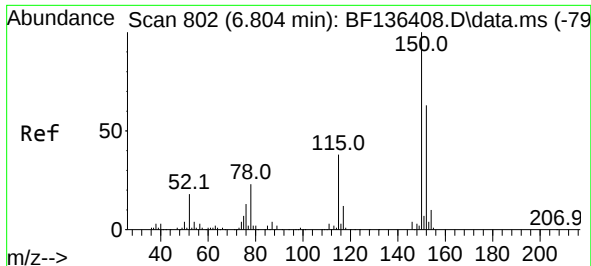
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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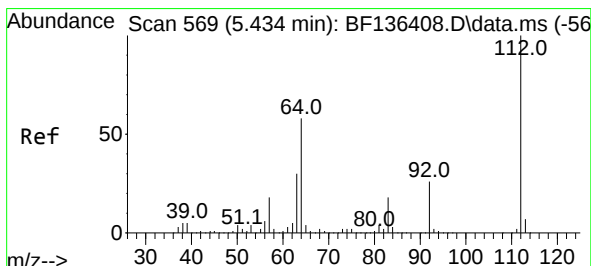
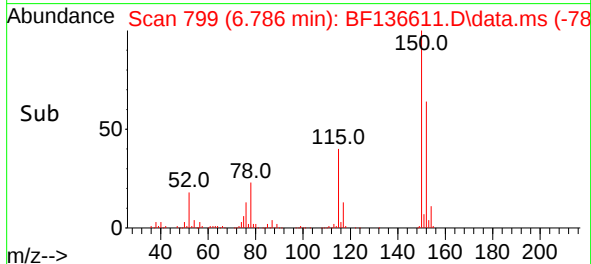
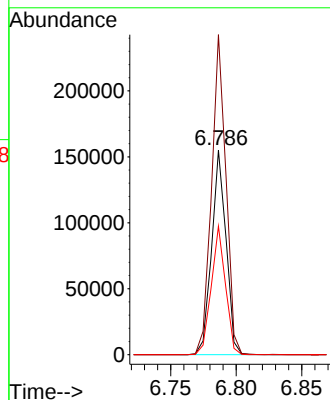
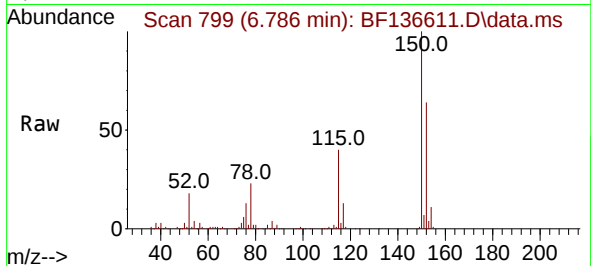




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 79
Delta R.T. -0.001 min
Lab File: BF136611.D
Acq: 18 Dec 2023 13:21

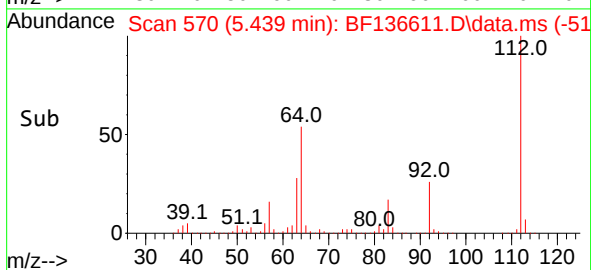
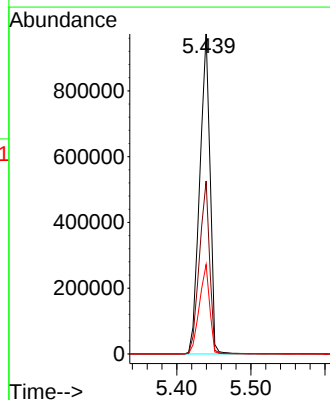
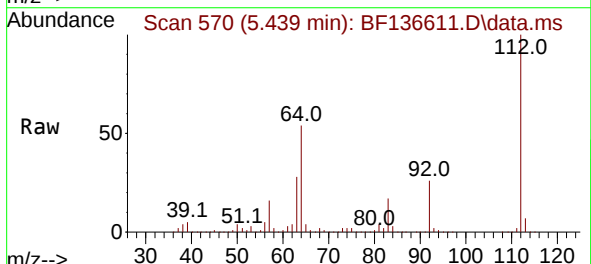
Instrument :
BNA_F
ClientSampleId :
PB157801BL

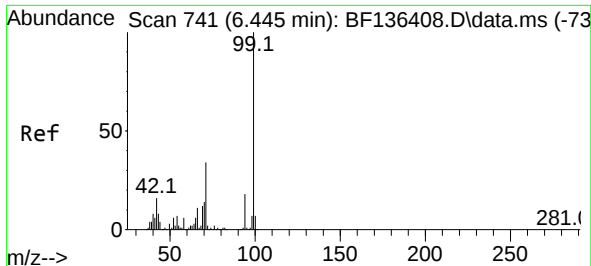
Tgt Ion:152 Resp: 118640
Ion Ratio Lower Upper
152 100
150 156.5 126.4 189.6
115 62.8 48.2 72.4



#5
2-Fluorophenol
Concen: 117.281 ng
RT: 5.439 min Scan# 570
Delta R.T. 0.017 min
Lab File: BF136611.D
Acq: 18 Dec 2023 13:21

Tgt Ion:112 Resp: 942173
Ion Ratio Lower Upper
112 100
64 54.1 46.5 69.7
63 28.0 23.9 35.9



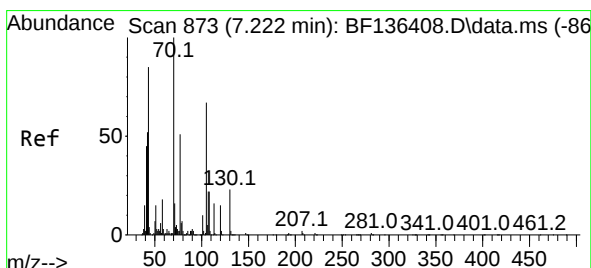
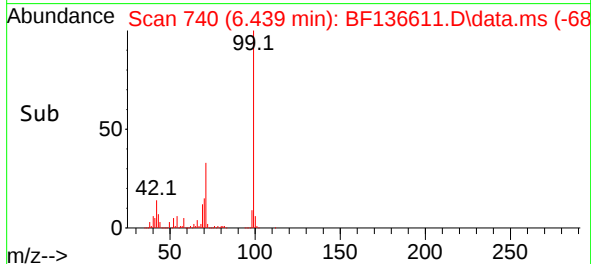
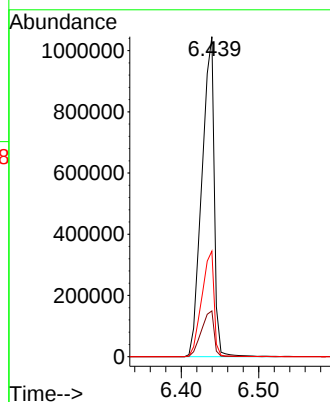
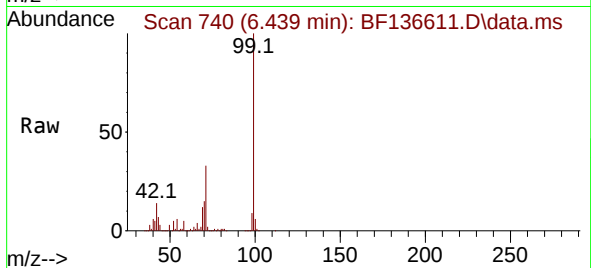


#7
Phenol-d6
Concen: 115.256 ng
RT: 6.439 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136611.D
Acq: 18 Dec 2023 13:21

Instrument :
BNA_F
ClientSampleId :
PB157801BL

Tgt Ion: 99 Resp: 1155203

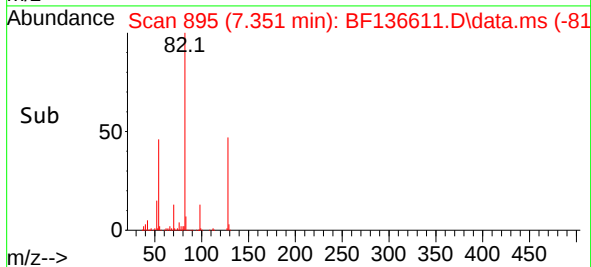
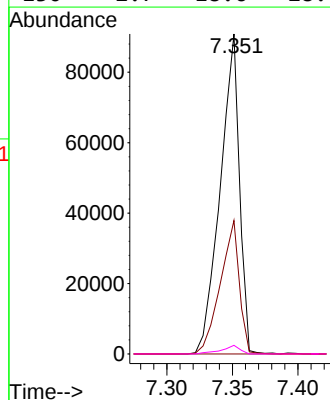
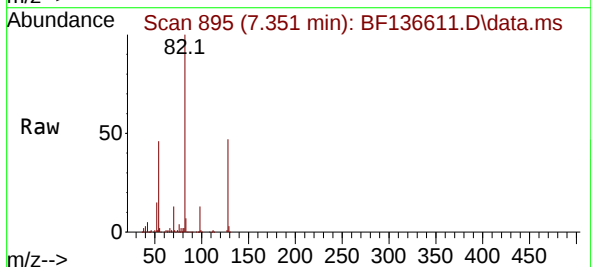
Ion	Ratio	Lower	Upper
99	100		
42	14.3	12.8	19.2
71	33.0	27.0	40.4

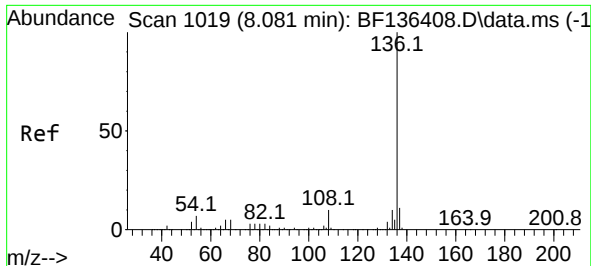


#19
n-Nitroso-di-n-propylamine
Concen: 15.987 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.147 min
Lab File: BF136611.D
Acq: 18 Dec 2023 13:21

Tgt Ion: 70 Resp: 92434

Ion	Ratio	Lower	Upper
70	100		
42	41.7	41.4	62.0
101	0.0	8.2	12.4#
130	2.7	18.6	28.0#



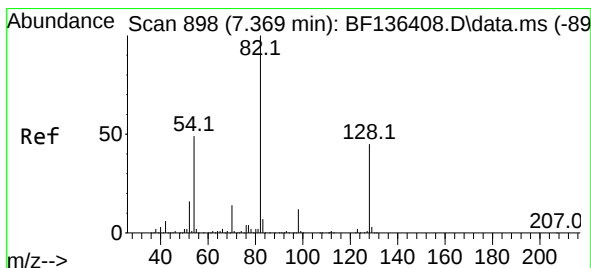
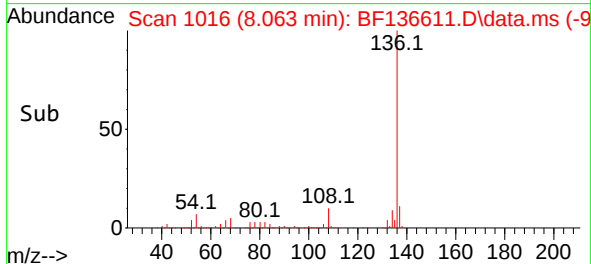
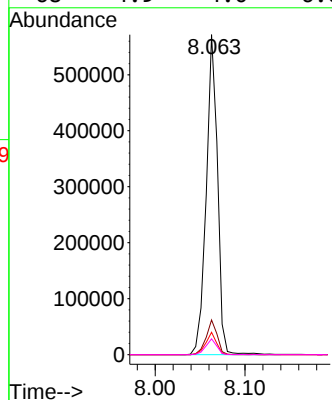
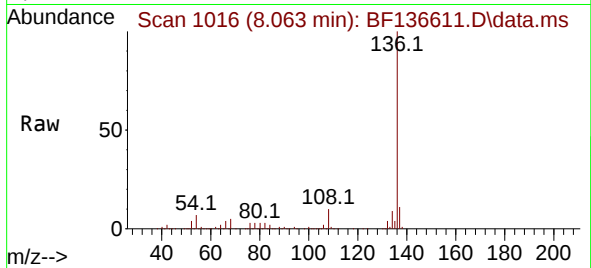


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136611.D
Acq: 18 Dec 2023 13:21

Instrument :
BNA_F
ClientSampleId :
PB157801BL

Tgt Ion:136 Resp: 499738

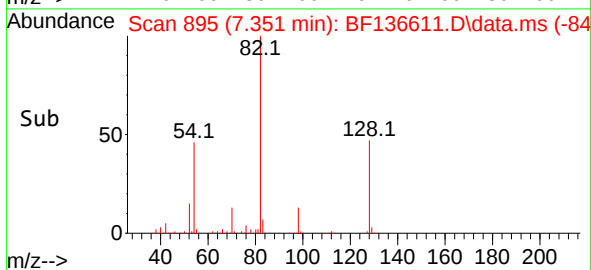
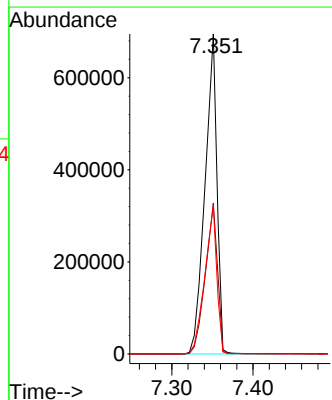
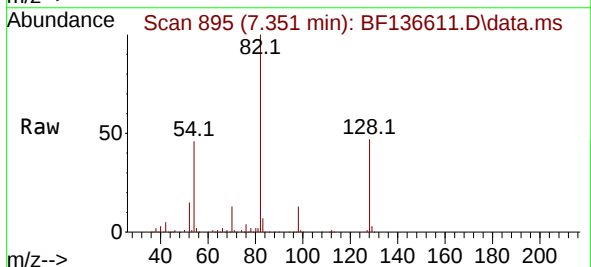
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	7.0	5.7	8.5
68	4.9	4.0	6.0

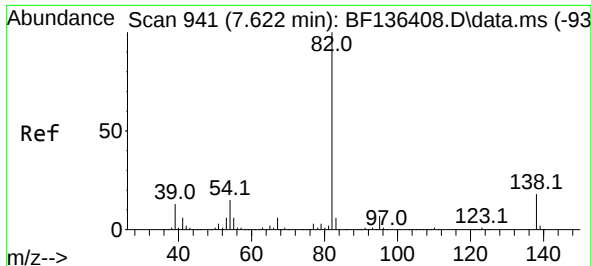


#23
Nitrobenzene-d5
Concen: 77.118 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF136611.D
Acq: 18 Dec 2023 13:21

Tgt Ion: 82 Resp: 712883

Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.3	54.5
54	46.3	39.0	58.6

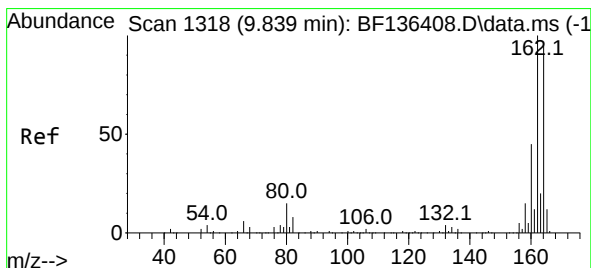
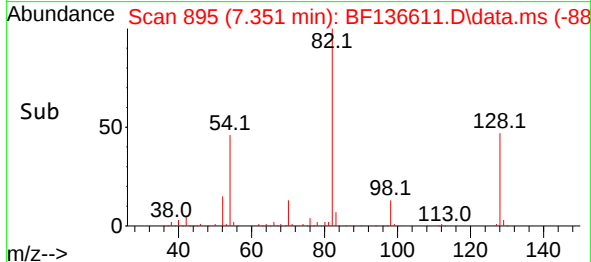
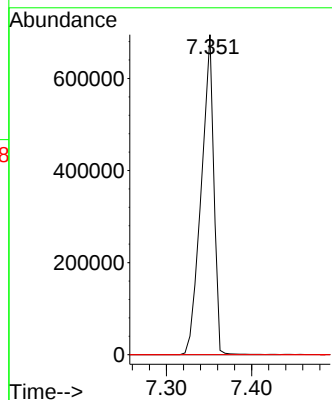
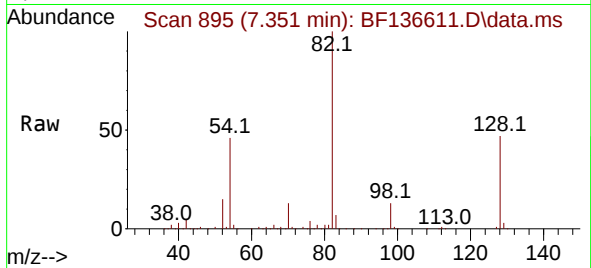




#25
Isophorone
Concen: 42.924 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.259 min
Lab File: BF136611.D
Acq: 18 Dec 2023 13:21

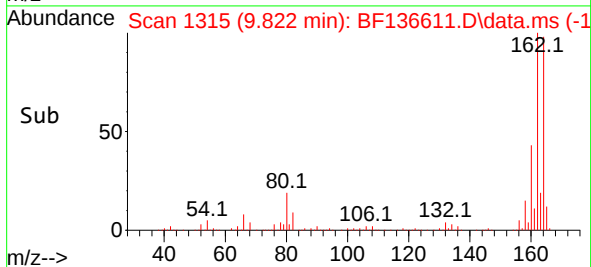
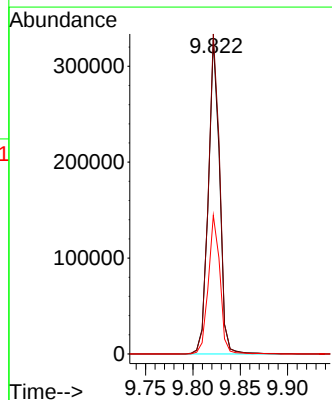
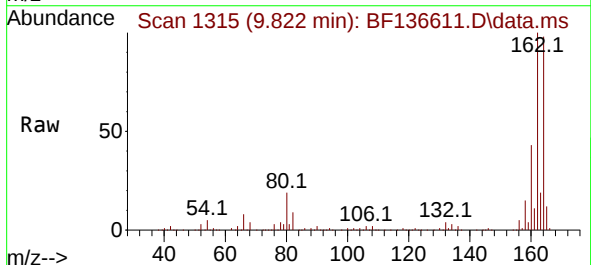
Instrument :
BNA_F
ClientSampleId :
PB157801BL

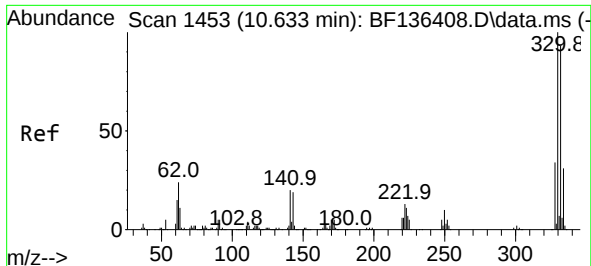
Tgt Ion: 82 Resp: 712873
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF136611.D
Acq: 18 Dec 2023 13:21

Tgt Ion: 164 Resp: 270034
Ion Ratio Lower Upper
164 100
162 101.9 84.4 126.6
160 44.1 37.6 56.4

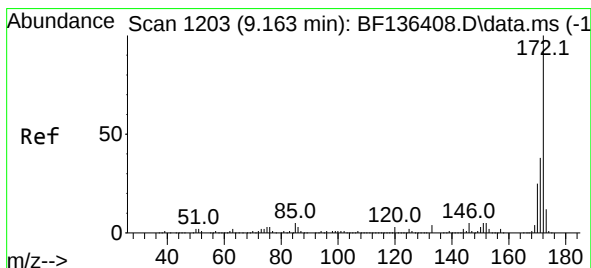
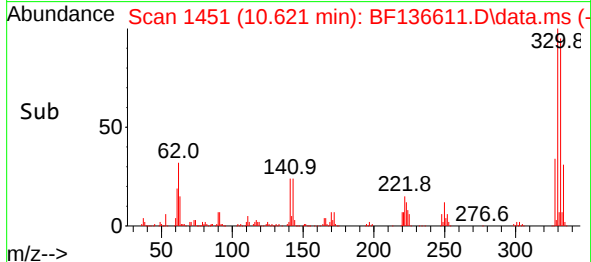
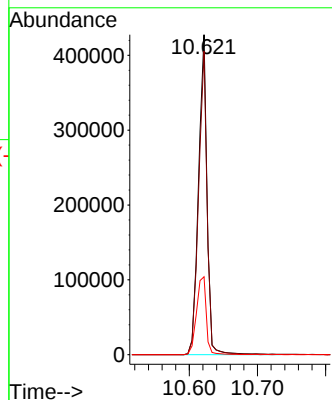
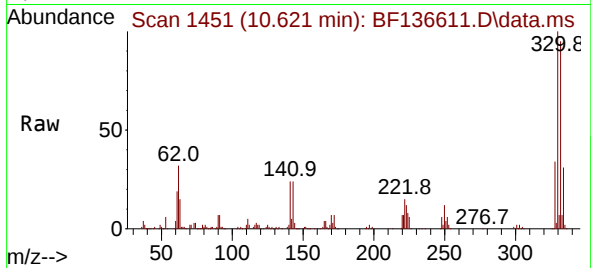




#42
2,4,6-Tribromophenol
Concen: 111.617 ng
RT: 10.621 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BF136611.D
Acq: 18 Dec 2023 13:21

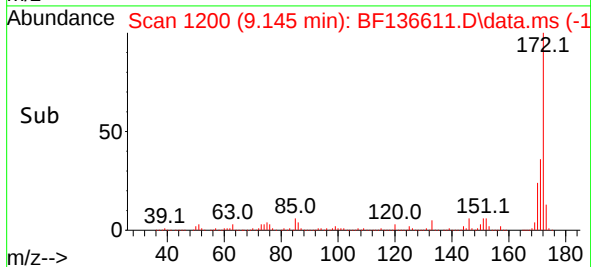
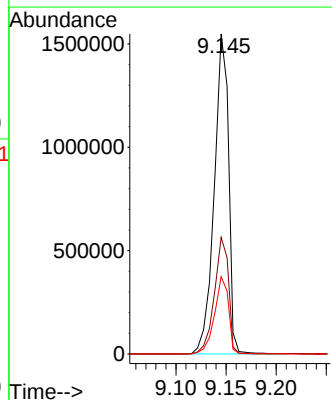
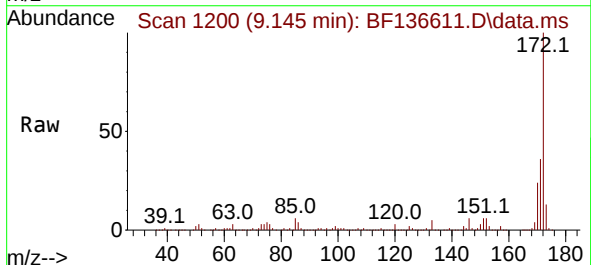
Instrument :
BNA_F
ClientSampleId :
PB157801BL

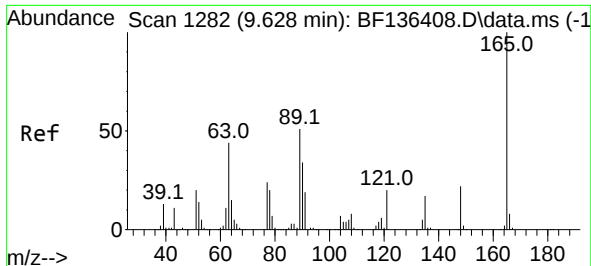
Tgt Ion:330 Resp: 371634
Ion Ratio Lower Upper
330 100
332 95.3 76.4 114.6
141 28.0 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 77.909 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.000 min
Lab File: BF136611.D
Acq: 18 Dec 2023 13:21

Tgt Ion:172 Resp: 1541819
Ion Ratio Lower Upper
172 100
171 36.5 30.5 45.7
170 24.2 19.9 29.9





#51

2,6-Dinitrotoluene

Concen: 7.709 ng

RT: 9.822 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF136611.D

Acq: 18 Dec 2023 13:21

Instrument :

BNA_F

ClientSampleId :

PB157801BL

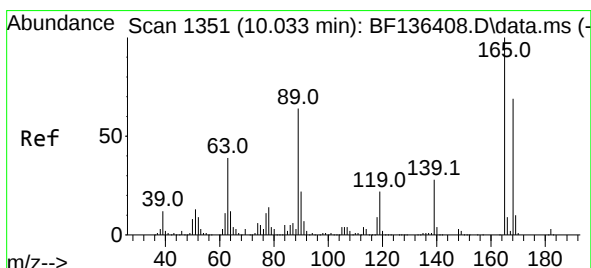
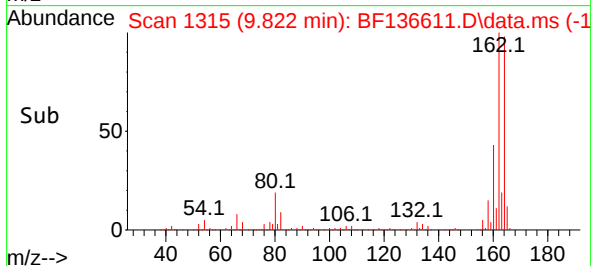
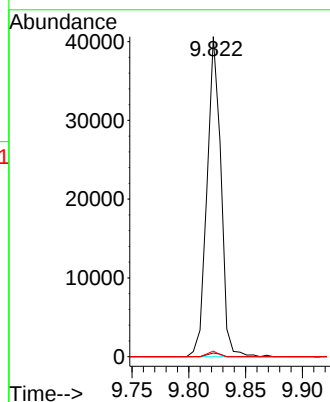
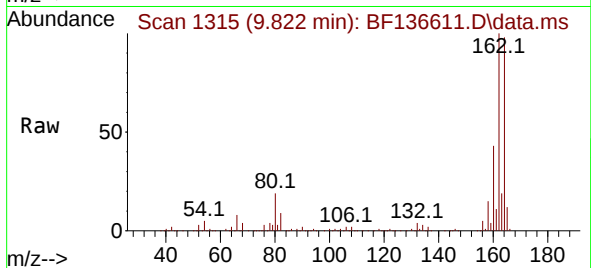
Tgt Ion:165 Resp: 34481

Ion Ratio Lower Upper

165 100

63 1.2 40.4 60.6#

89 1.7 40.6 60.8#



#57

2,4-Dinitrotoluene

Concen: 5.828 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.200 min

Lab File: BF136611.D

Acq: 18 Dec 2023 13:21

Tgt Ion:165 Resp: 34481

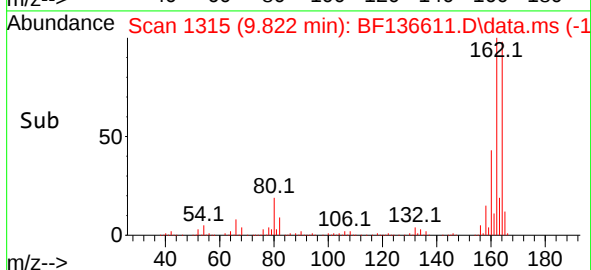
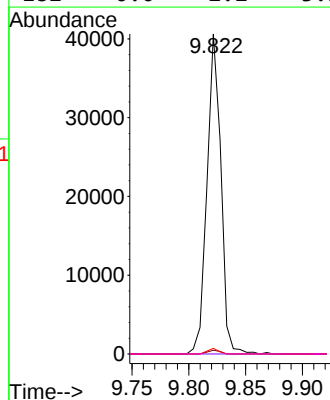
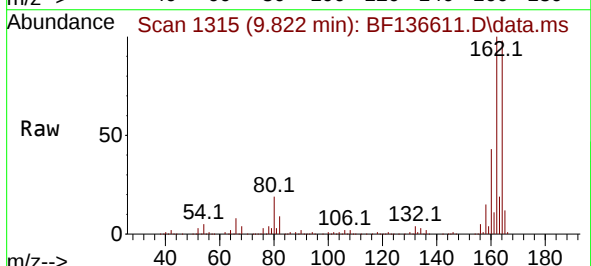
Ion Ratio Lower Upper

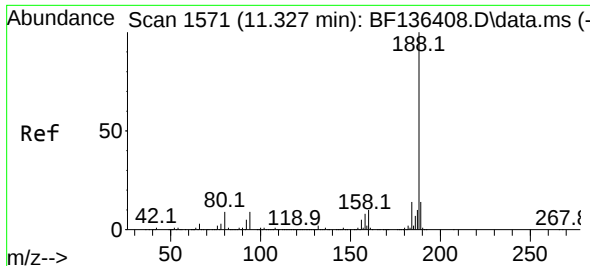
165 100

63 1.2 31.4 47.2#

89 1.7 51.7 77.5#

182 0.0 2.2 3.2#

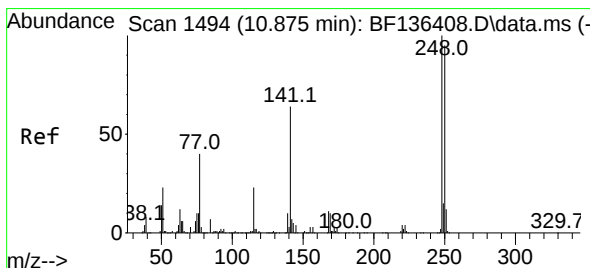
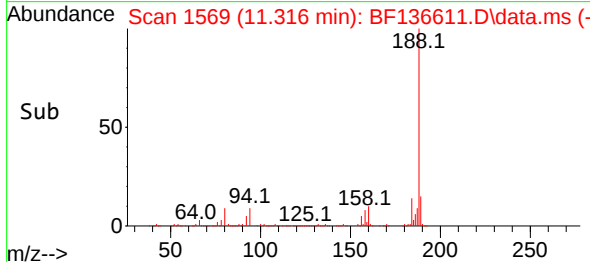
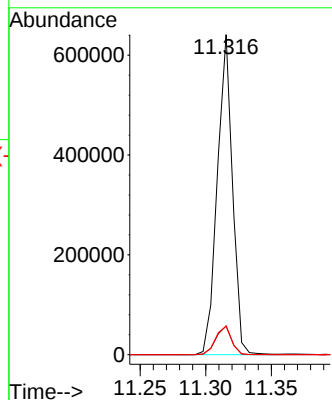
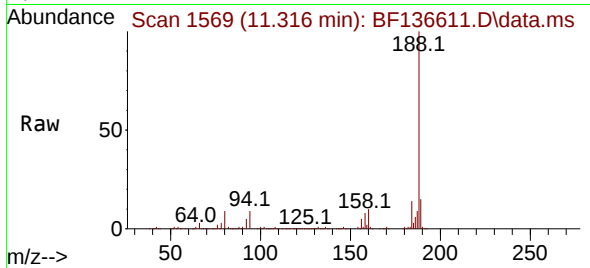




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136611.D
Acq: 18 Dec 2023 13:21

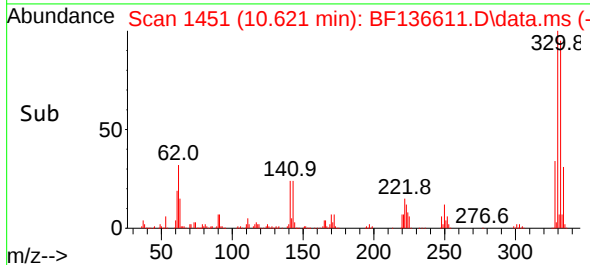
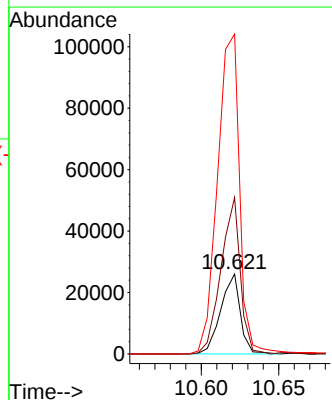
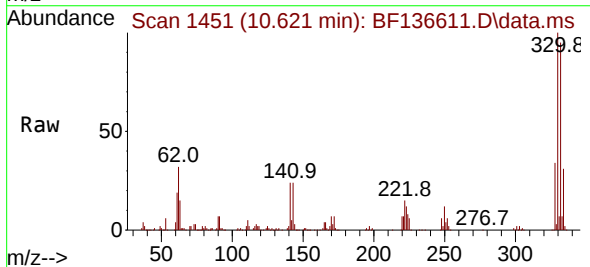
Instrument :
BNA_F
ClientSampleId :
PB157801BL

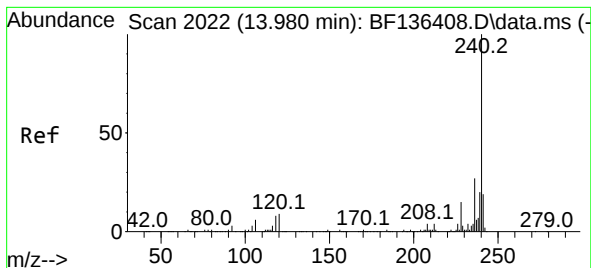
Tgt Ion:188 Resp: 515123
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 8.9 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 3.826 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.241 min
Lab File: BF136611.D
Acq: 18 Dec 2023 13:21

Tgt Ion:248 Resp: 22914
Ion Ratio Lower Upper
248 100
250 195.5 76.2 114.2#
141 399.9 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: BF136611.D

Acq: 18 Dec 2023 13:21

Instrument :

BNA_F

ClientSampleId :

PB157801BL

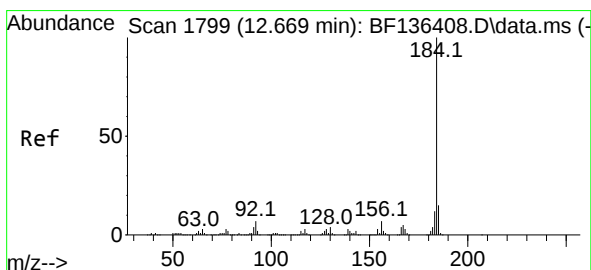
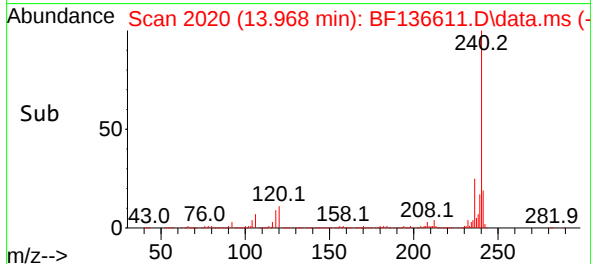
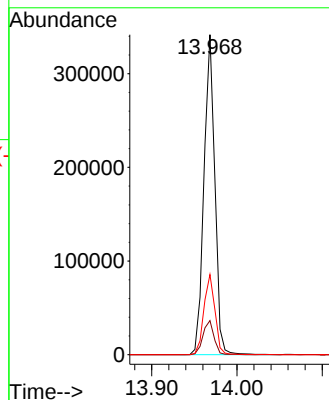
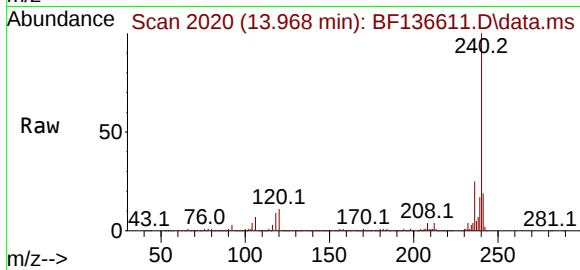
Tgt Ion:240 Resp: 302281

Ion Ratio Lower Upper

240 100

120 10.7 7.3 10.9

236 25.0 21.3 31.9



#77

Benzidine

Concen: 3.353 ng

RT: 12.915 min Scan# 1841

Delta R.T. 0.259 min

Lab File: BF136611.D

Acq: 18 Dec 2023 13:21

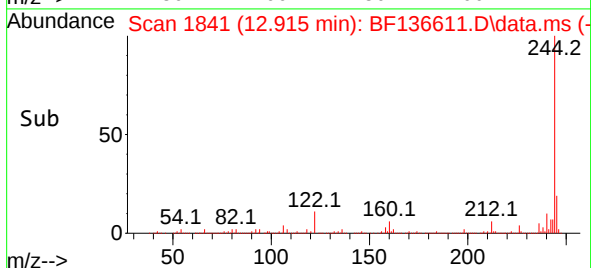
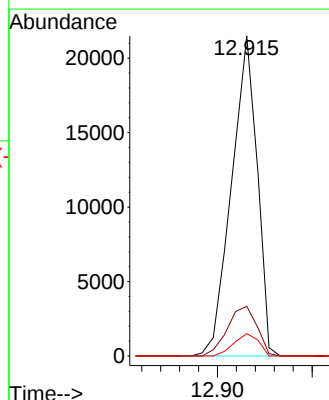
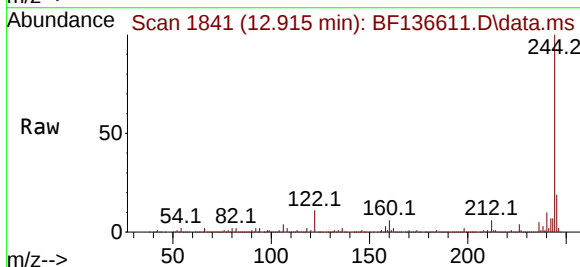
Tgt Ion:184 Resp: 20183

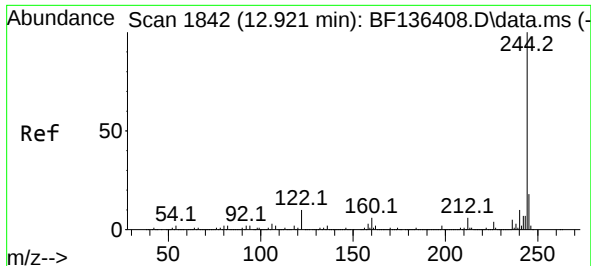
Ion Ratio Lower Upper

184 100

185 15.5 12.0 18.0

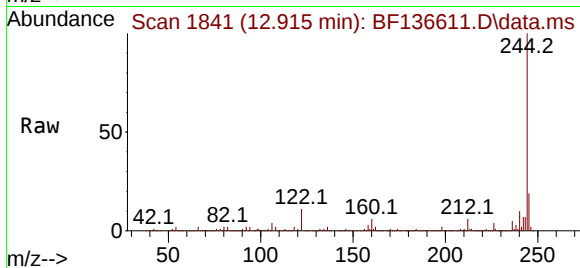
183 7.0 9.4 14.0#



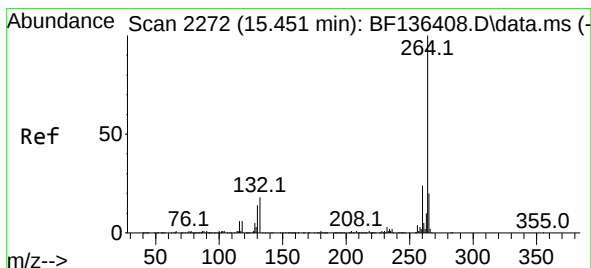
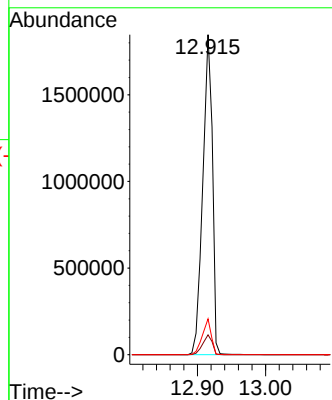
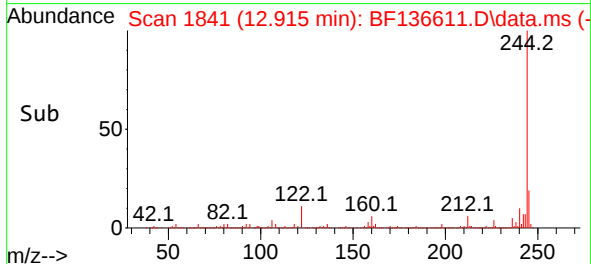


#79
 Terphenyl-d14
 Concen: 79.054 ng
 RT: 12.915 min Scan# 1841
 Delta R.T. 0.006 min
 Lab File: BF136611.D
 Acq: 18 Dec 2023 13:21

Instrument :
 BNA_F
 ClientSampleId :
 PB157801BL



Tgt Ion:244 Resp: 1813031
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 11.2 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: BF136611.D
 Acq: 18 Dec 2023 13:21

Tgt Ion:264 Resp: 261247
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.1 15.9 23.9

