

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
 Data File : BF136492.D
 Acq On : 11 Dec 2023 16:03
 Operator : CG\JU
 Sample : PB157670BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157670BL

Quant Time: Dec 11 16:21:17 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)

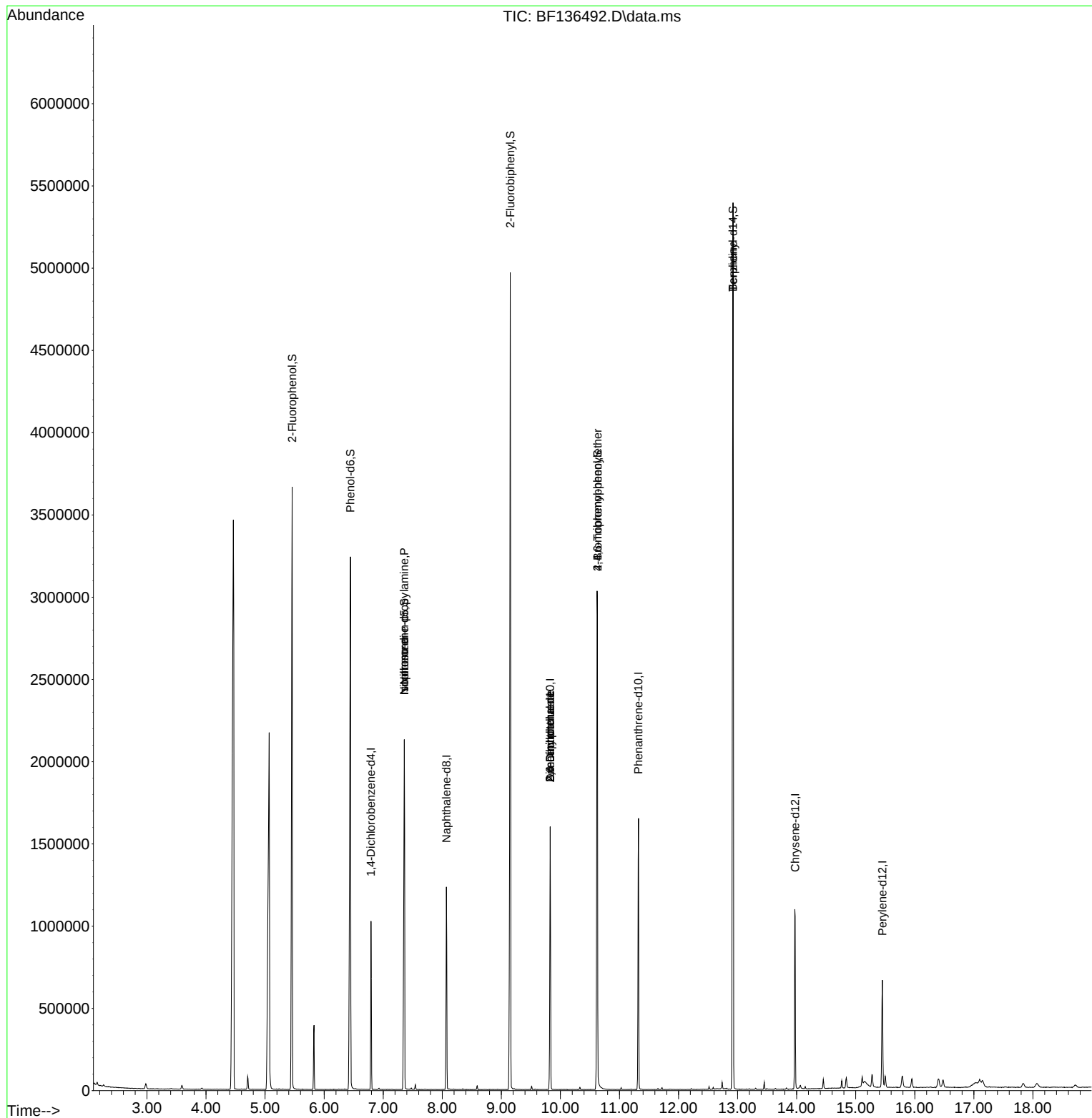
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	138011	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	582202	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	306373	20.000	ng	-0.01
64) Phenanthrene-d10	11.322	188	611465	20.000	ng	0.00
76) Chrysene-d12	13.974	240	391183	20.000	ng	0.00
86) Perylene-d12	15.451	264	299705	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1152734	123.352	ng	0.02
7) Phenol-d6	6.446	99	1412491	121.145	ng	0.00
23) Nitrobenzene-d5	7.357	82	859249	79.786	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	486852	128.879	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1779593	79.258	ng	-0.01
79) Terphenyl-d14	12.922	244	2195710	73.982	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.351	77	484	Below Cal	#	86
19) n-Nitroso-di-n-propyla...	7.357	70	114191	16.978	ng	# 74
25) Isophorone	7.357	82	859235	44.408	ng	# 65
50) Dimethylphthalate	9.828	163	64181	2.845	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	39676	7.819	ng	# 28
57) 2,4-Dinitrotoluene	9.828	165	39676	5.910	ng	# 28
67) 4-Bromophenyl-phenylether	10.628	248	29434	4.140	ng	# 1
77) Benzidine	12.922	184	24972	2.977	ng	# 91

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration

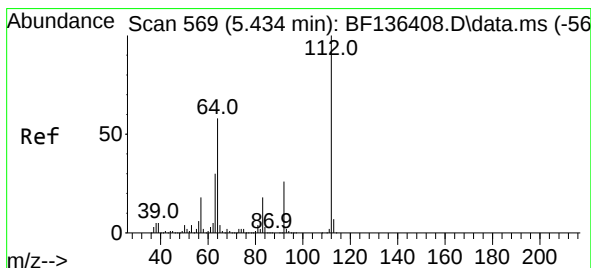
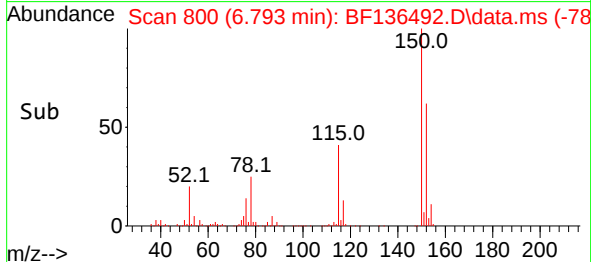
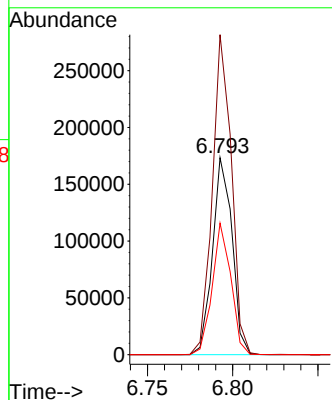
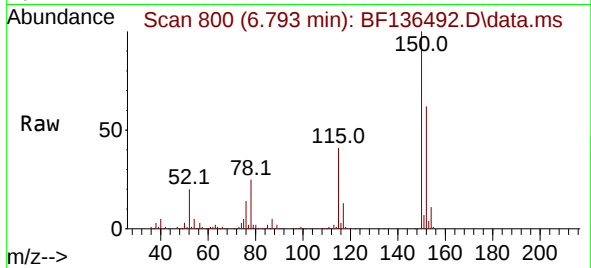




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF136492.D
Acq: 11 Dec 2023 16:03

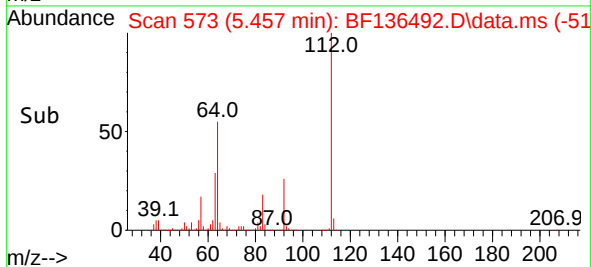
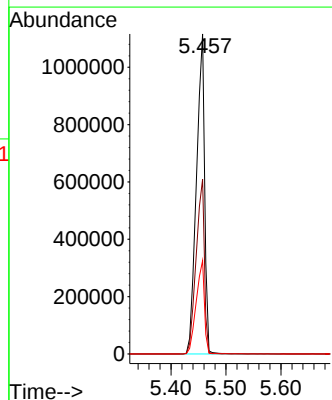
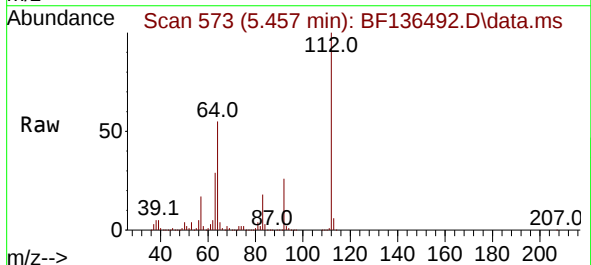
Instrument :
BNA_F
ClientSampleId :
PB157670BL

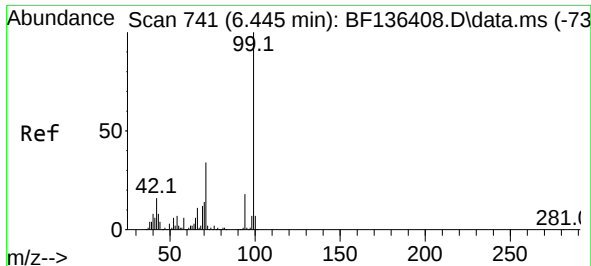
Tgt Ion:152 Resp: 138011
Ion Ratio Lower Upper
152 100
150 162.5 126.4 189.6
115 66.8 48.2 72.4



#5
2-Fluorophenol
Concen: 123.352 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.024 min
Lab File: BF136492.D
Acq: 11 Dec 2023 16:03

Tgt Ion:112 Resp: 1152734
Ion Ratio Lower Upper
112 100
64 54.6 46.5 69.7
63 29.2 23.9 35.9

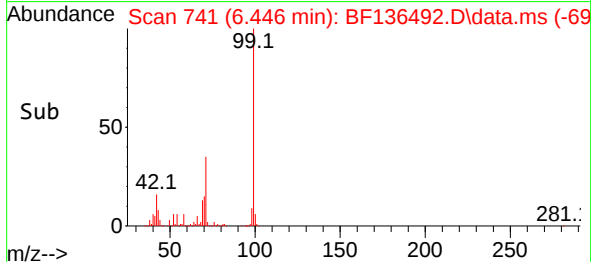
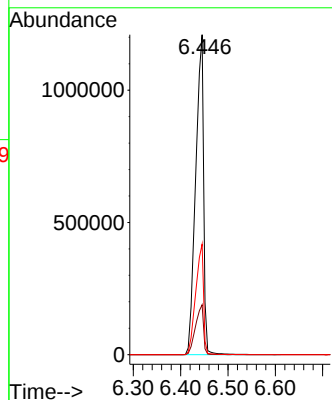
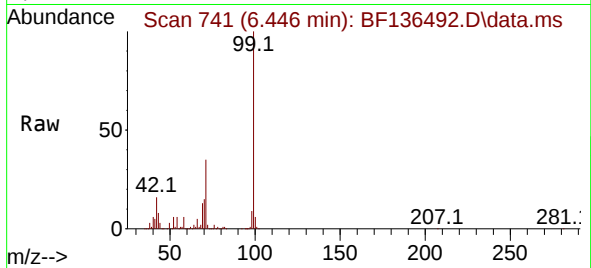




#7
Phenol-d6
Concen: 121.145 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136492.D
Acq: 11 Dec 2023 16:03

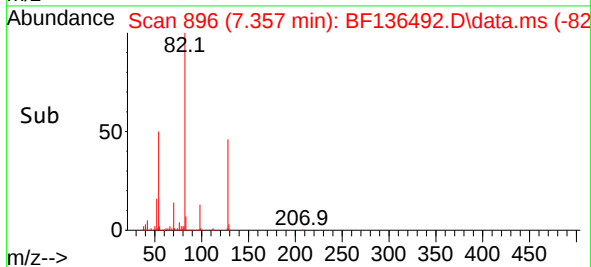
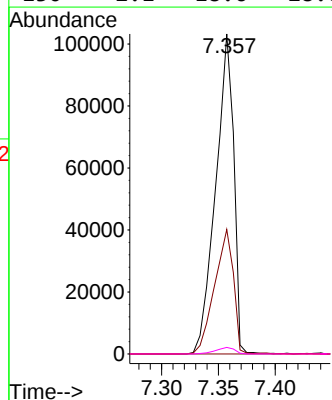
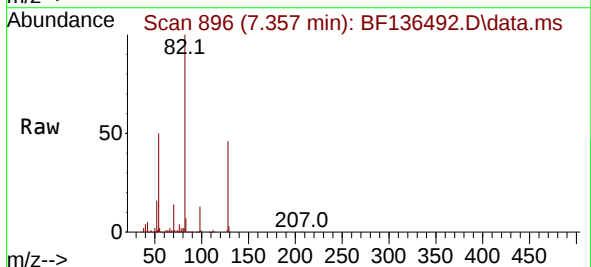
Instrument :
BNA_F
ClientSampleId :
PB157670BL

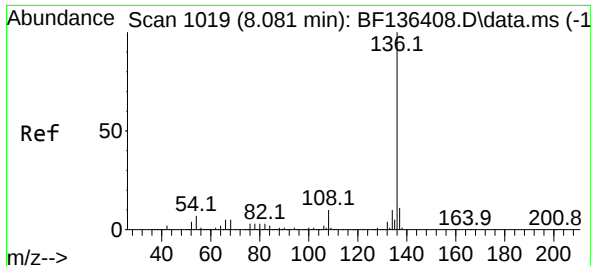
Tgt Ion: 99 Resp: 1412491
Ion Ratio Lower Upper
99 100
42 15.6 12.8 19.2
71 34.5 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.978 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF136492.D
Acq: 11 Dec 2023 16:03

Tgt Ion: 70 Resp: 114191
Ion Ratio Lower Upper
70 100
42 38.9 41.4 62.0#
101 0.0 8.2 12.4#
130 2.1 18.6 28.0#



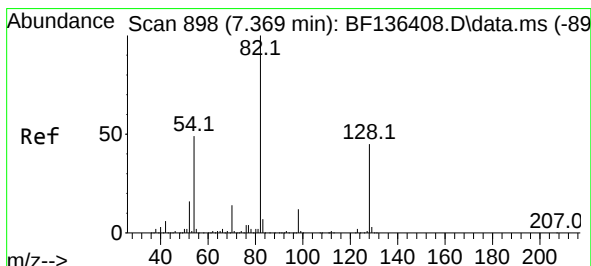
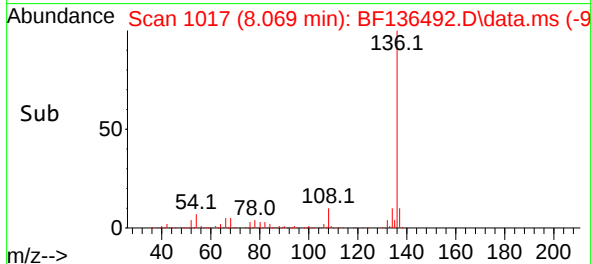
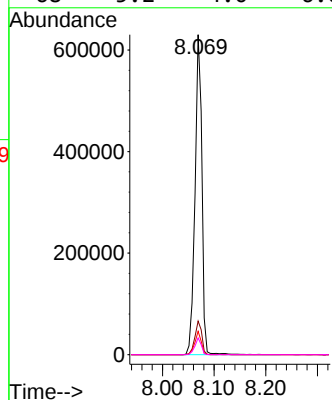
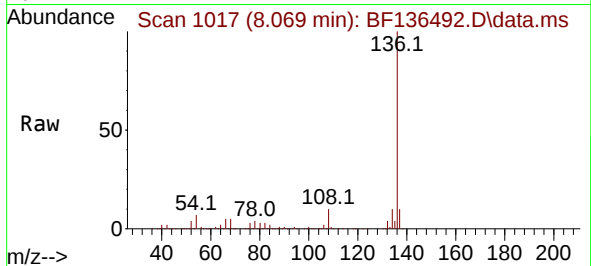


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF136492.D
Acq: 11 Dec 2023 16:03

Instrument :
BNA_F
ClientSampleId :
PB157670BL

Tgt Ion:136 Resp: 582202

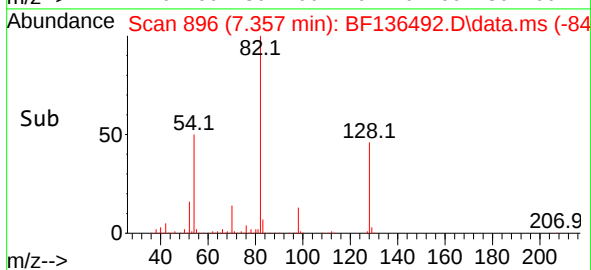
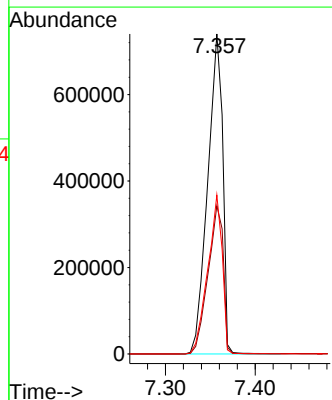
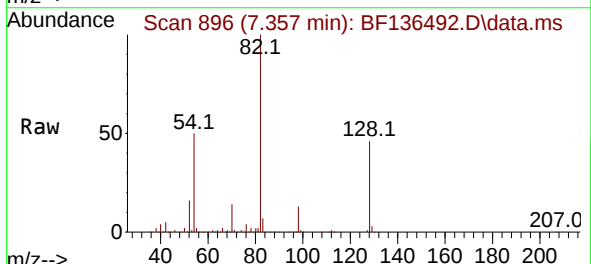
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	7.3	5.7	8.5
68	5.2	4.0	6.0

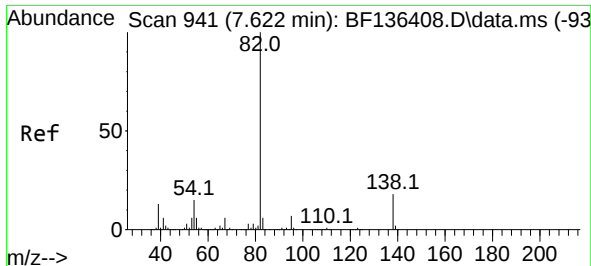


#23
Nitrobenzene-d5
Concen: 79.786 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF136492.D
Acq: 11 Dec 2023 16:03

Tgt Ion: 82 Resp: 859249

Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.3	54.5
54	49.7	39.0	58.6

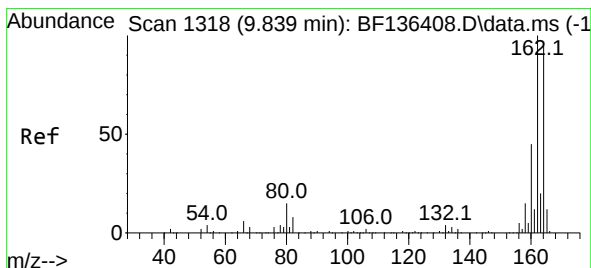
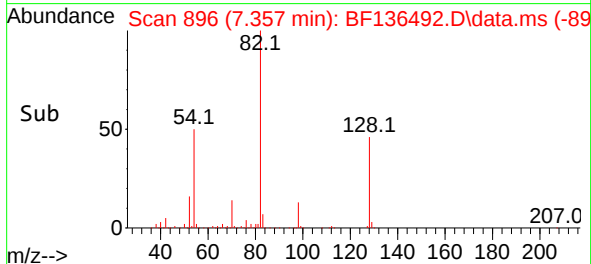
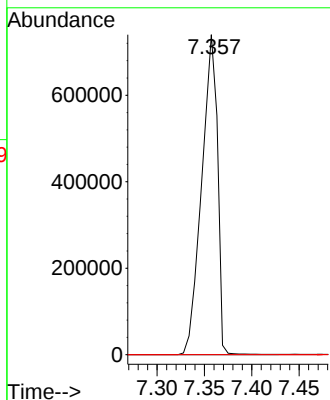
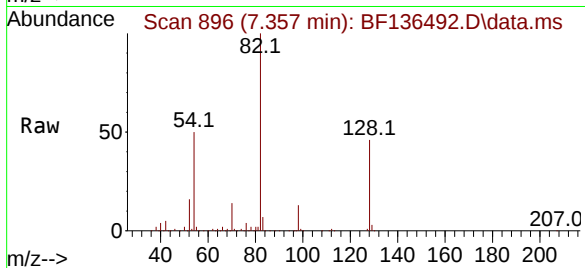




#25
Isophorone
Concen: 44.408 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF136492.D
Acq: 11 Dec 2023 16:03

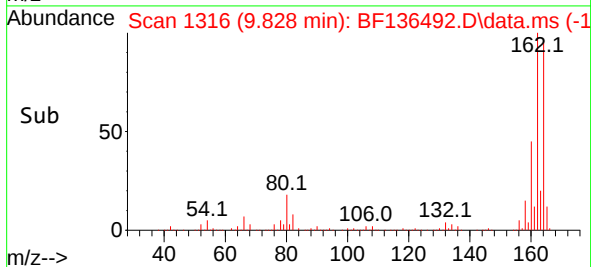
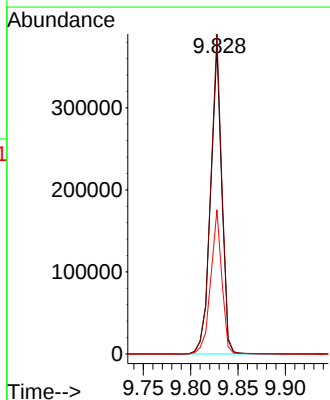
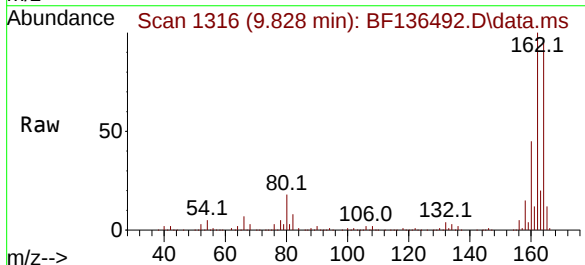
Instrument :
BNA_F
ClientSampleId :
PB157670BL

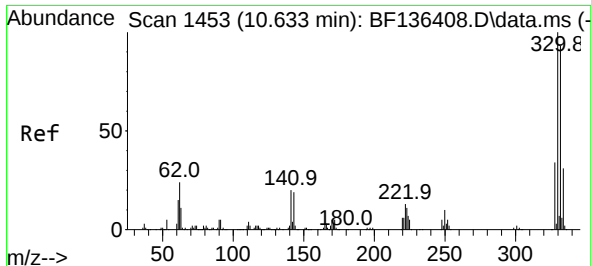
Tgt Ion: 82 Resp: 859235
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF136492.D
Acq: 11 Dec 2023 16:03

Tgt Ion:164 Resp: 306373
Ion Ratio Lower Upper
164 100
162 104.2 84.4 126.6
160 46.9 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 128.879 ng

RT: 10.628 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF136492.D

Acq: 11 Dec 2023 16:03

Instrument :

BNA_F

ClientSampleId :

PB157670BL

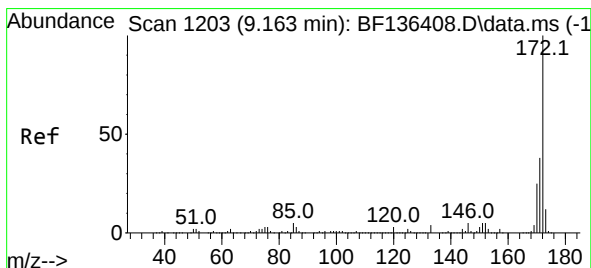
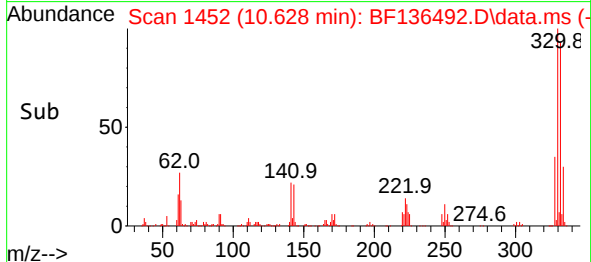
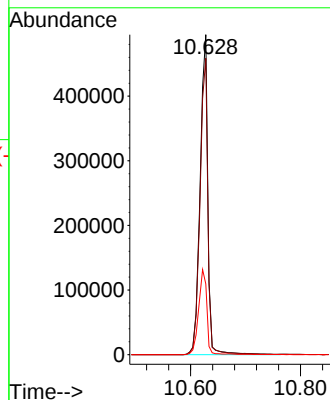
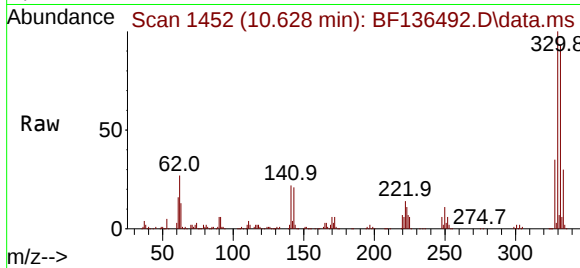
Tgt Ion:330 Resp: 486852

Ion Ratio Lower Upper

330 100

332 94.0 76.4 114.6

141 28.4 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 79.258 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136492.D

Acq: 11 Dec 2023 16:03

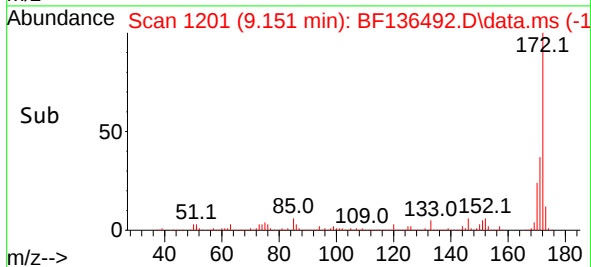
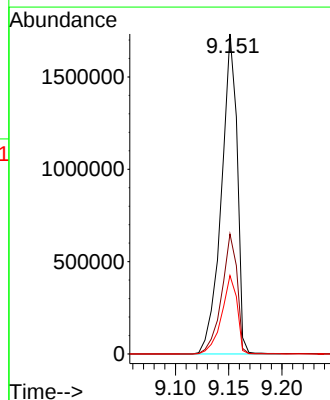
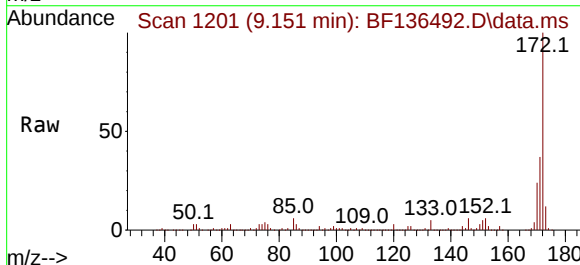
Tgt Ion:172 Resp: 1779593

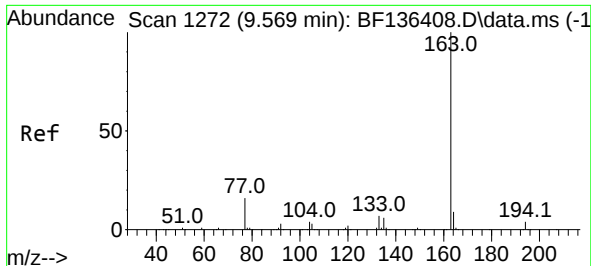
Ion Ratio Lower Upper

172 100

171 37.5 30.5 45.7

170 24.5 19.9 29.9

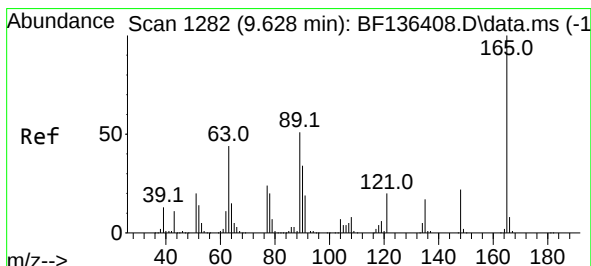
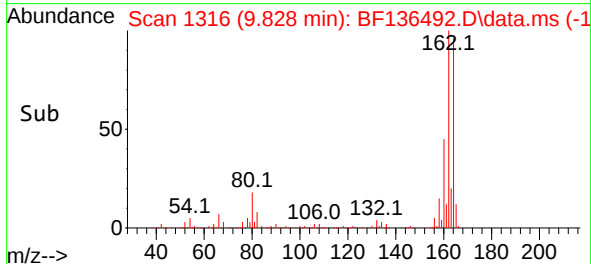
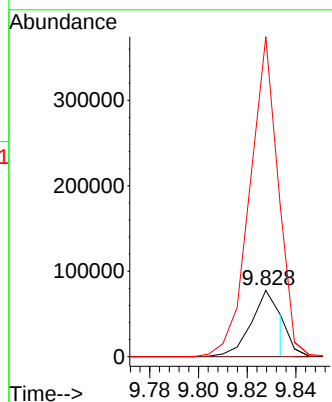
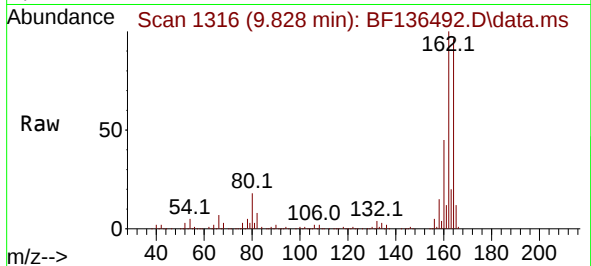




#50
Dimethylphthalate
Concen: 2.845 ng
RT: 9.828 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF136492.D
Acq: 11 Dec 2023 16:03

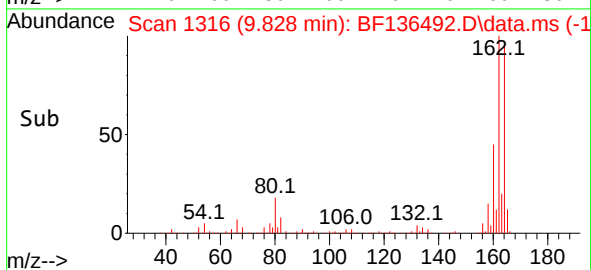
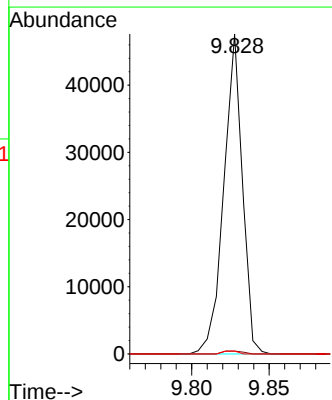
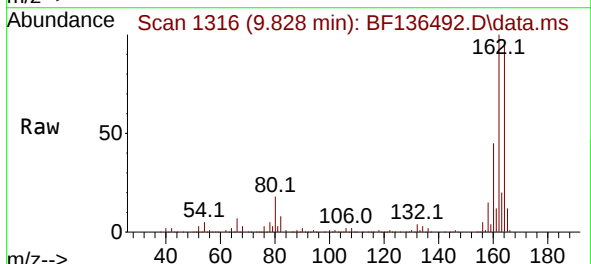
Instrument :
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ClientSampleId :
PB157670BL

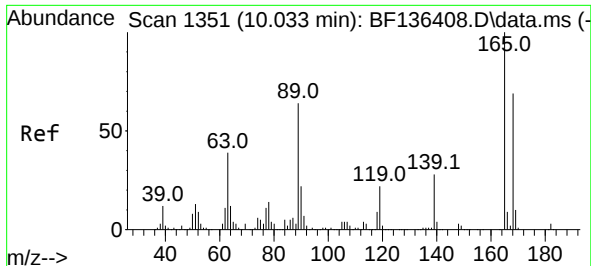
Tgt Ion:163 Resp: 64181
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 482.6 7.4 11.2#



#51
2,6-Dinitrotoluene
Concen: 7.819 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF136492.D
Acq: 11 Dec 2023 16:03

Tgt Ion:165 Resp: 39676
Ion Ratio Lower Upper
165 100
63 0.9 40.4 60.6#
89 0.9 40.6 60.8#

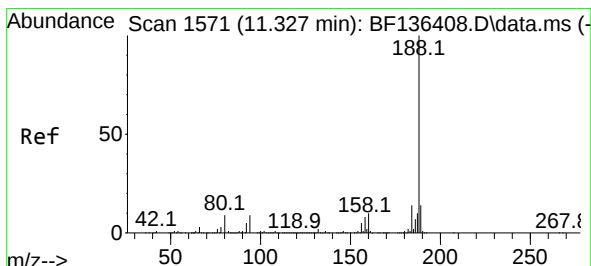
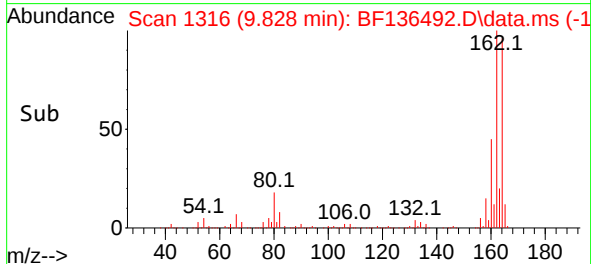
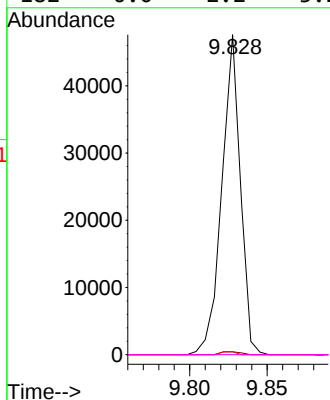
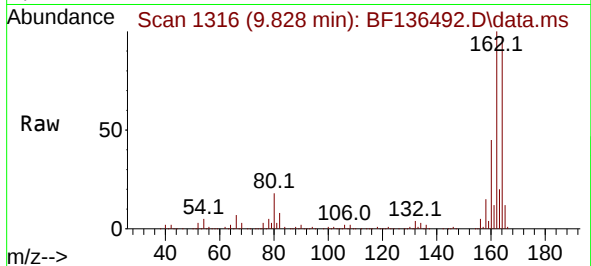




#57
2,4-Dinitrotoluene
Concen: 5.910 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136492.D
Acq: 11 Dec 2023 16:03

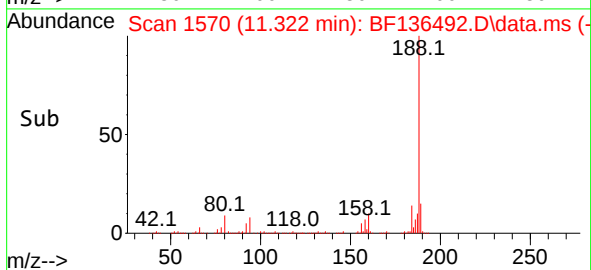
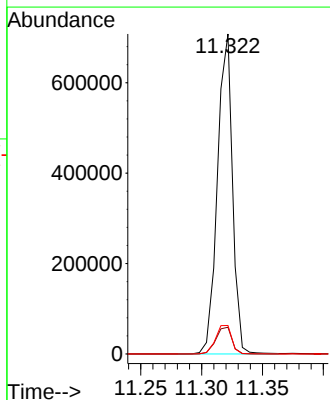
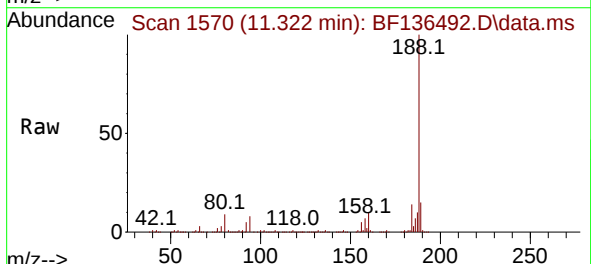
Instrument :
BNA_F
ClientSampleId :
PB157670BL

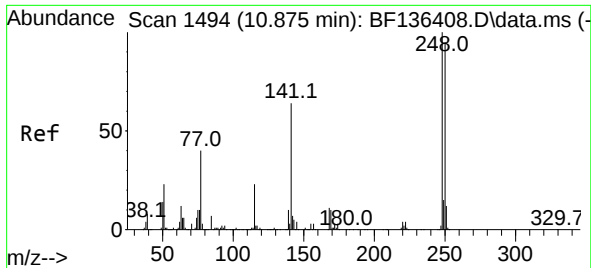
Tgt Ion:165 Resp: 39676
Ion Ratio Lower Upper
165 100
63 0.9 31.4 47.2#
89 0.9 51.7 77.5#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF136492.D
Acq: 11 Dec 2023 16:03

Tgt Ion:188 Resp: 611465
Ion Ratio Lower Upper
188 100
94 8.4 7.2 10.8
80 8.9 7.2 10.8

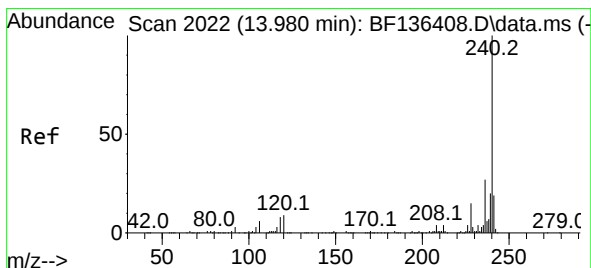
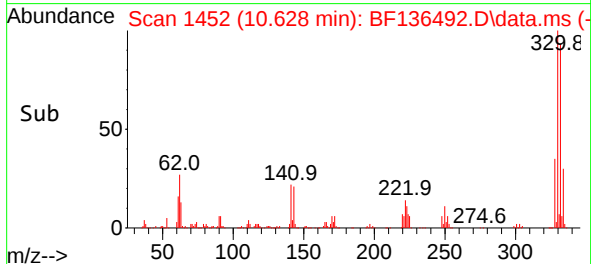
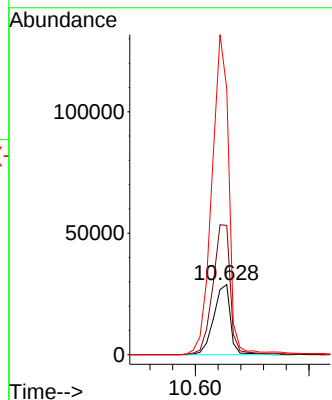
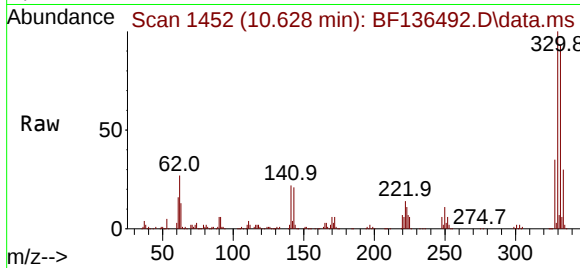




#67
4-Bromophenyl-phenylether
Concen: 4.140 ng
RT: 10.628 min Scan# 1494
Delta R.T. -0.247 min
Lab File: BF136492.D
Acq: 11 Dec 2023 16:03

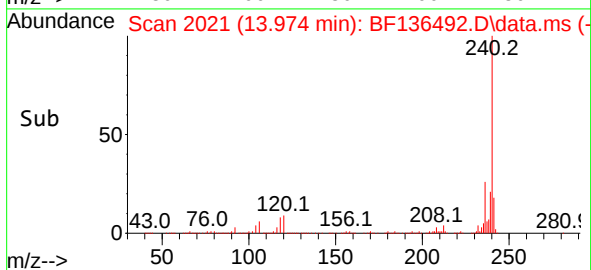
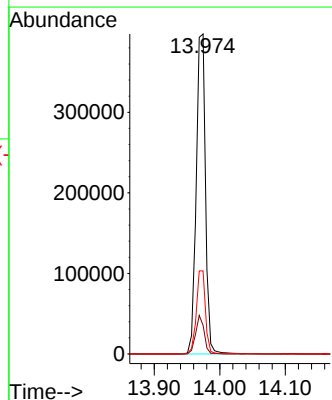
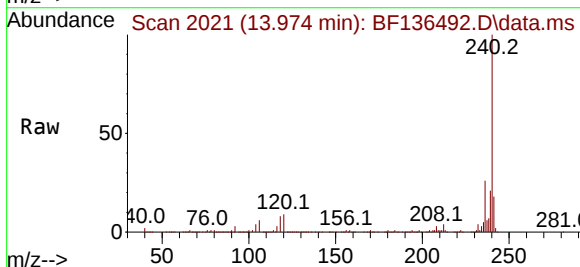
Instrument :
BNA_F
ClientSampleId :
PB157670BL

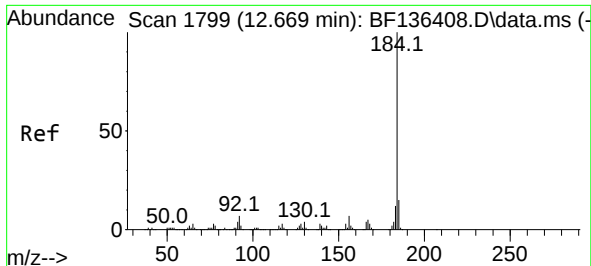
Tgt Ion:248 Resp: 29434
Ion Ratio Lower Upper
248 100
250 184.3 76.2 114.2#
141 379.2 51.0 76.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136492.D
Acq: 11 Dec 2023 16:03

Tgt Ion:240 Resp: 391183
Ion Ratio Lower Upper
240 100
120 9.0 7.3 10.9
236 26.0 21.3 31.9

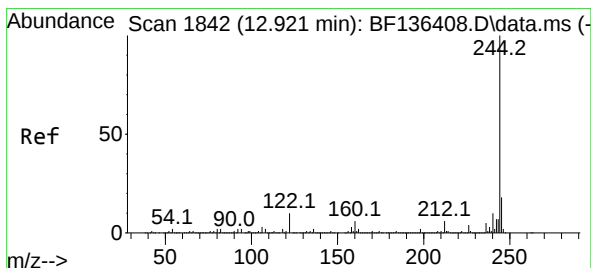
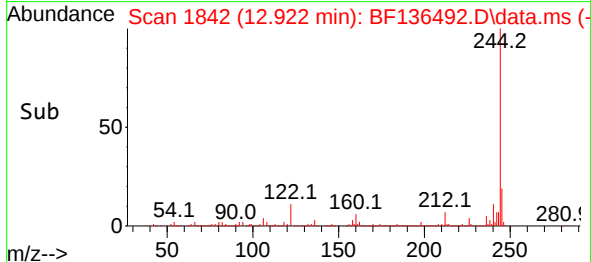
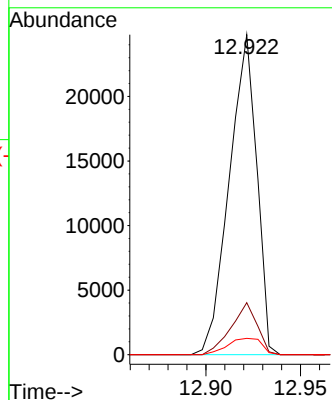
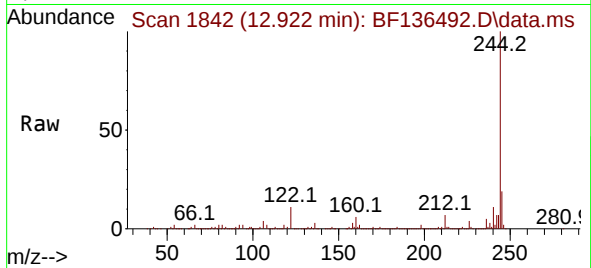




#77
Benzidine
Concen: 2.977 ng
RT: 12.922 min Scan# 1842
Delta R.T. 0.253 min
Lab File: BF136492.D
Acq: 11 Dec 2023 16:03

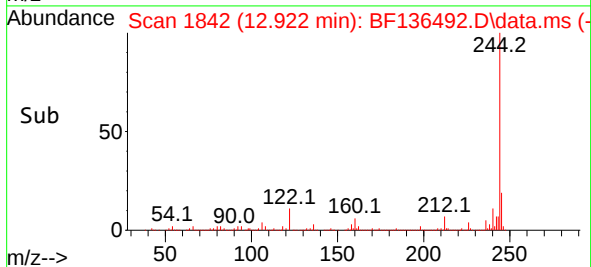
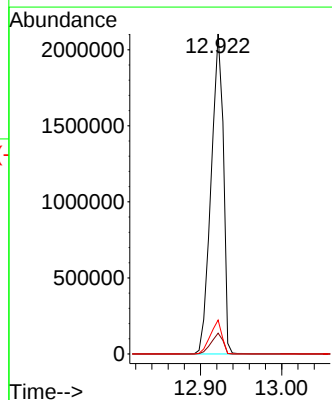
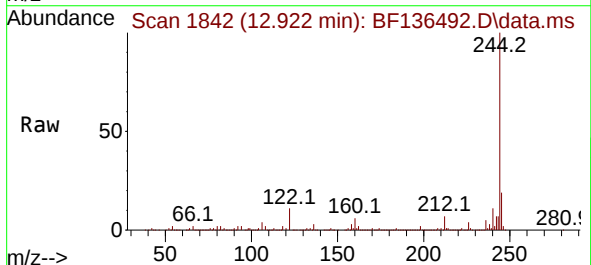
Instrument :
BNA_F
ClientSampleId :
PB157670BL

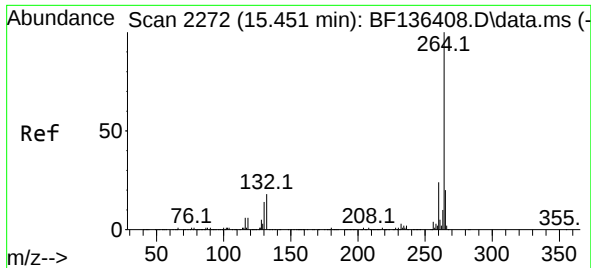
Tgt Ion:184 Resp: 24972
Ion Ratio Lower Upper
184 100
185 16.2 12.0 18.0
183 5.1 9.4 14.0#



#79
Terphenyl-d14
Concen: 73.982 ng
RT: 12.922 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BF136492.D
Acq: 11 Dec 2023 16:03

Tgt Ion:244 Resp: 2195710
Ion Ratio Lower Upper
244 100
212 6.5 5.0 7.4
122 10.6 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF136492.D
 Acq: 11 Dec 2023 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB157670BL

Tgt Ion:264 Resp: 299705
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.2 15.9 23.9

