

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
 Data File : BF136865.D
 Acq On : 02 Jan 2024 11:52
 Operator : CG\JU
 Sample : PB158048TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158048TB

Quant Time: Jan 02 12:16:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

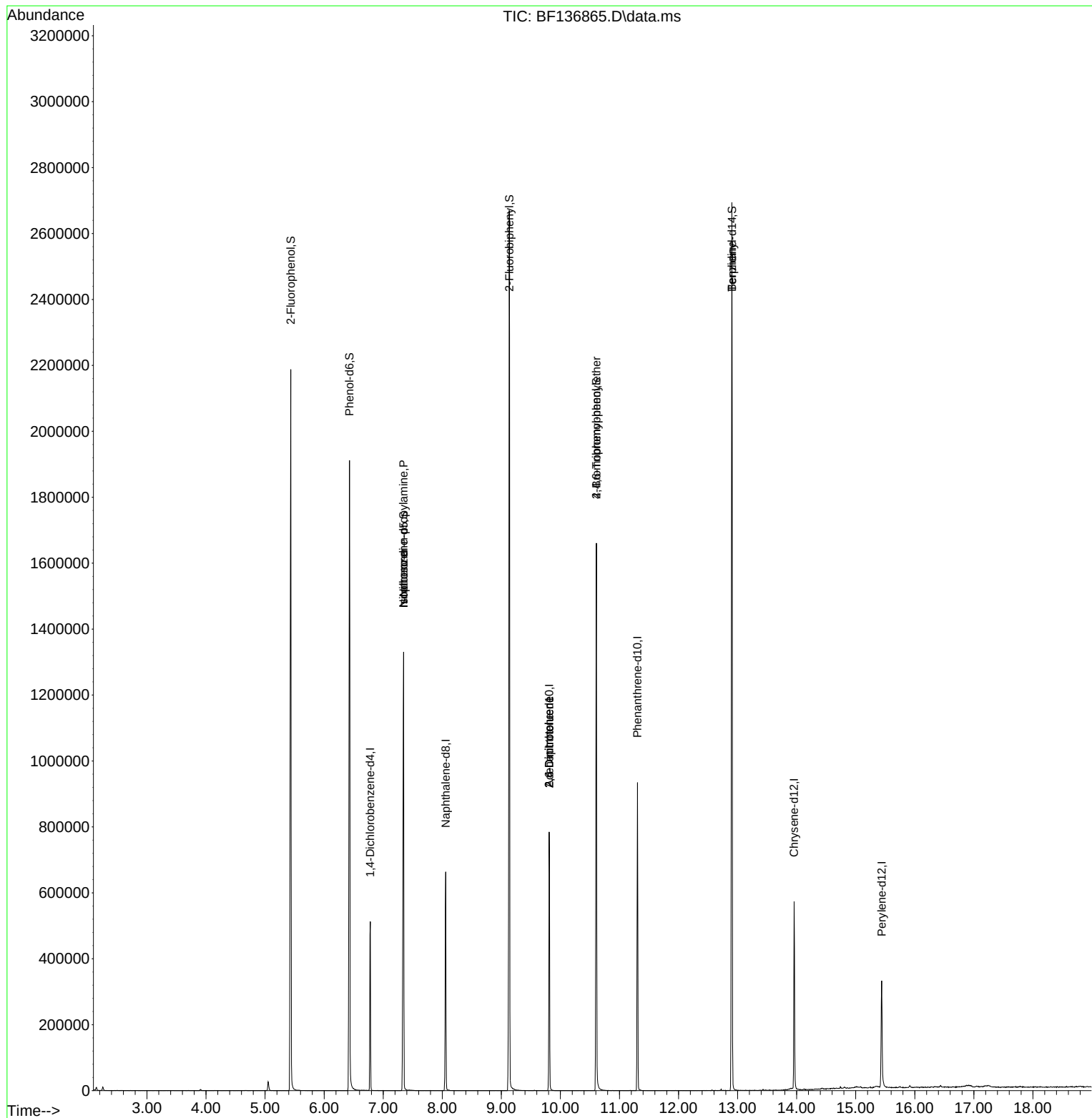
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	79054	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	305479	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	162854	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	320960	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	196691	20.000	ng	-0.01
86) Perylene-d12	15.439	264	164370	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	607336	119.870	ng	0.00
7) Phenol-d6	6.428	99	765324	116.574	ng	-0.01
23) Nitrobenzene-d5	7.346	82	472469	79.144	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	220813	115.129	ng	-0.01
45) 2-Fluorobiphenyl	9.134	172	954346	78.818	ng	-0.02
79) Terphenyl-d14	12.904	244	1077397	76.548	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.346	70	61621	15.484	ng	# 76
25) Isophorone	7.346	82	467305	43.020	ng	# 65
51) 2,6-Dinitrotoluene	9.810	165	20563	7.617	ng	# 30
57) 2,4-Dinitrotoluene	9.810	165	20563	5.867	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	13632	3.824	ng	# 1
77) Benzidine	12.904	184	11992	2.068	ng	# 88

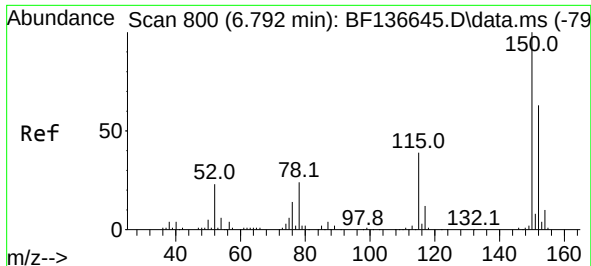
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
Data File : BF136865.D
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Misc :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration



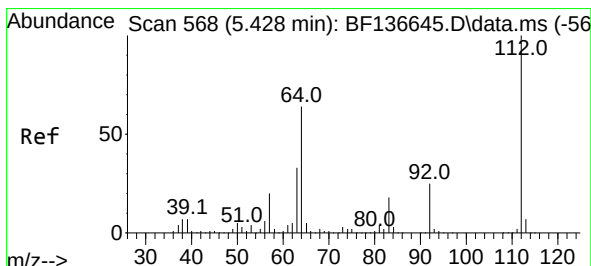
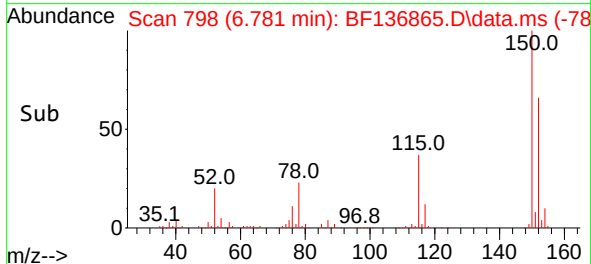
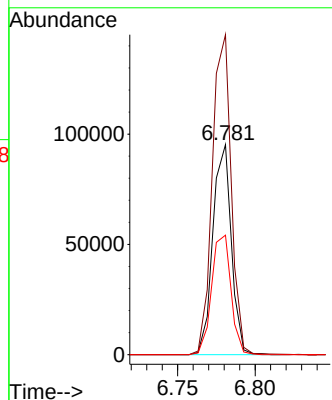
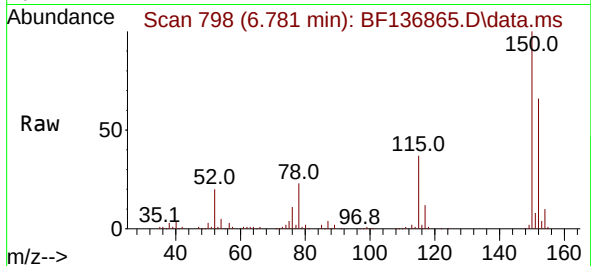


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF136865.D
 Acq: 02 Jan 2024 11:52

Instrument :
 BNA_F
 ClientSampleId :
 PB158048TB

Tgt Ion:152 Resp: 79054

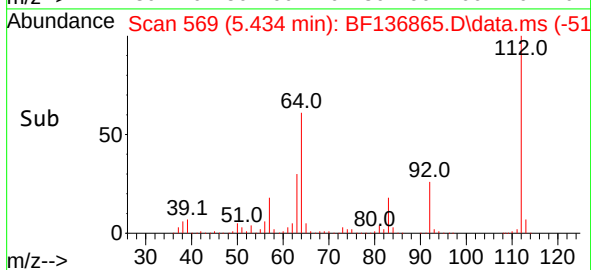
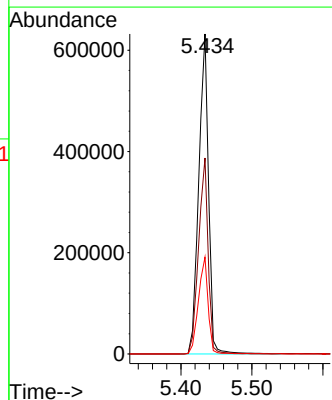
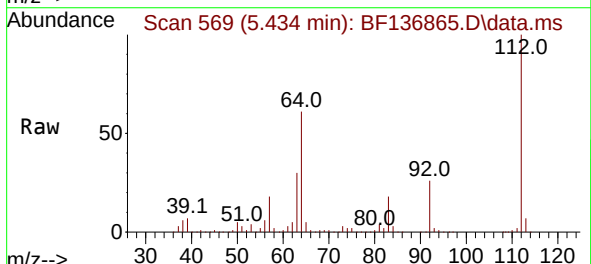
Ion	Ratio	Lower	Upper
152	100		
150	152.3	127.0	190.6
115	56.9	49.0	73.4

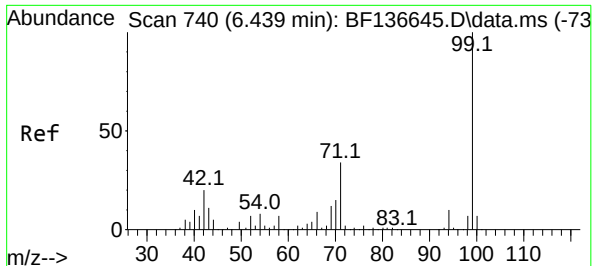


#5
 2-Fluorophenol
 Concen: 119.870 ng
 RT: 5.434 min Scan# 569
 Delta R.T. 0.006 min
 Lab File: BF136865.D
 Acq: 02 Jan 2024 11:52

Tgt Ion:112 Resp: 607336

Ion	Ratio	Lower	Upper
112	100		
64	61.3	51.1	76.7
63	30.3	26.1	39.1

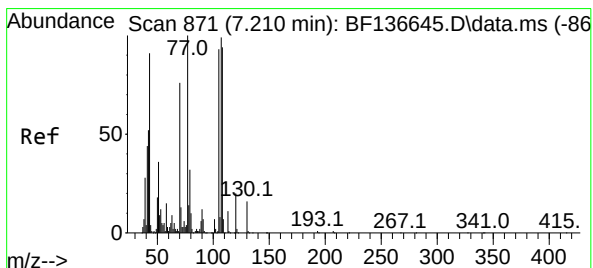
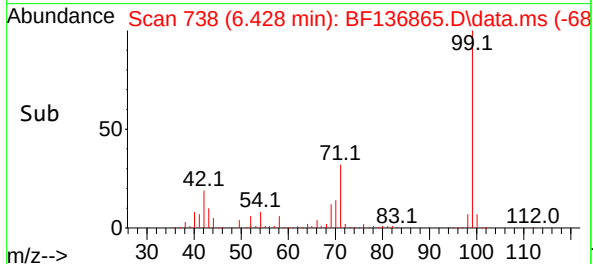
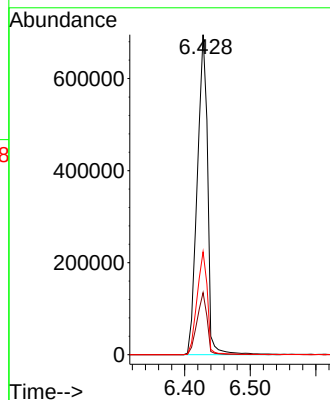
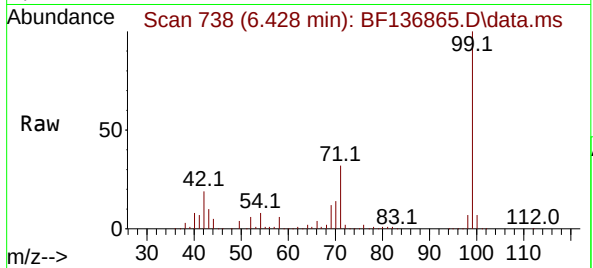




#7
Phenol-d6
Concen: 116.574 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF136865.D
Acq: 02 Jan 2024 11:52

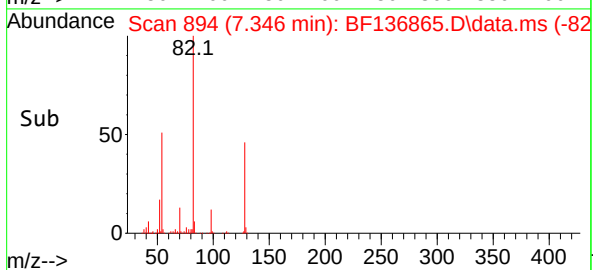
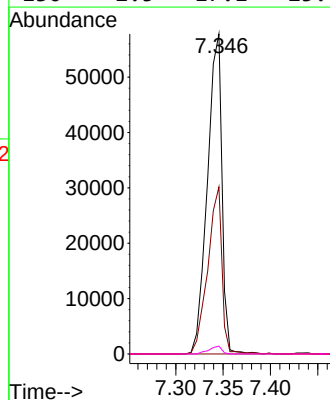
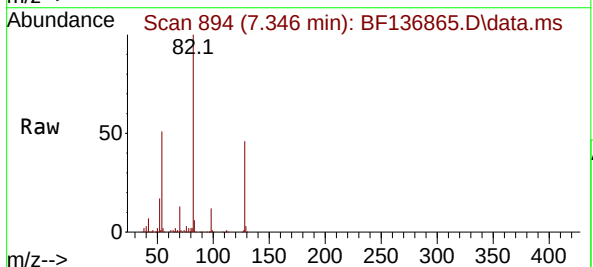
Instrument :
BNA_F
ClientSampleId :
PB158048TB

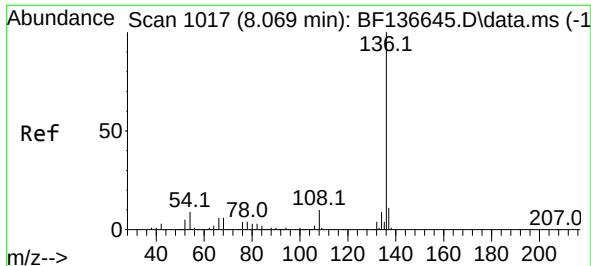
Tgt Ion: 99 Resp: 765324
Ion Ratio Lower Upper
99 100
42 19.4 16.1 24.1
71 32.1 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.484 ng
RT: 7.346 min Scan# 894
Delta R.T. 0.136 min
Lab File: BF136865.D
Acq: 02 Jan 2024 11:52

Tgt Ion: 70 Resp: 61621
Ion Ratio Lower Upper
70 100
42 52.2 54.2 81.4#
101 0.0 7.6 11.4#
130 2.5 17.1 25.7#



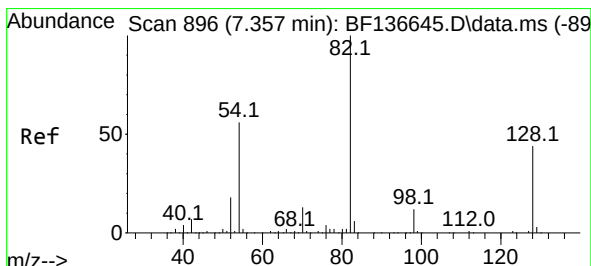
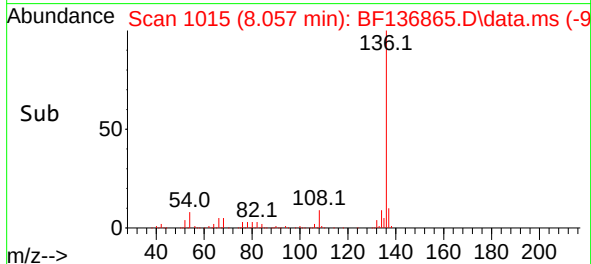
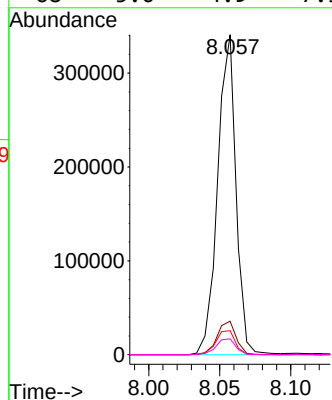
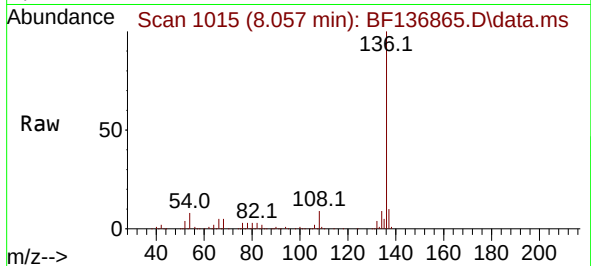


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.011 min
Lab File: BF136865.D
Acq: 02 Jan 2024 11:52

Instrument :
BNA_F
ClientSampleId :
PB158048TB

Tgt Ion:136 Resp: 305479

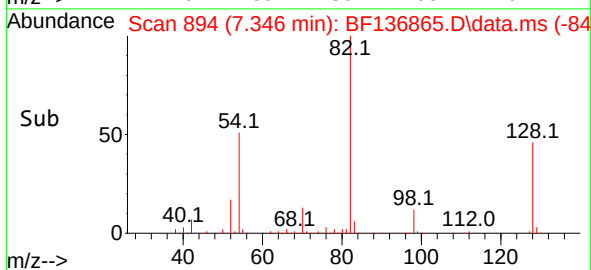
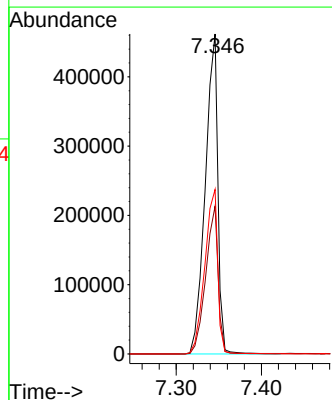
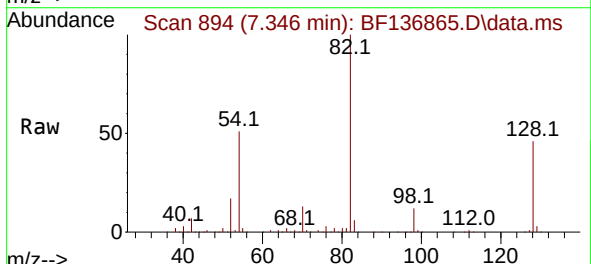
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	7.5	7.2	10.8
68	5.0	4.9	7.3

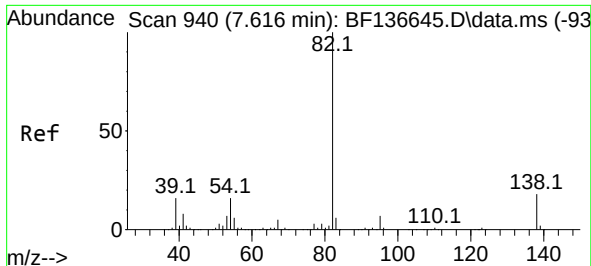


#23
Nitrobenzene-d5
Concen: 79.144 ng
RT: 7.346 min Scan# 894
Delta R.T. -0.011 min
Lab File: BF136865.D
Acq: 02 Jan 2024 11:52

Tgt Ion: 82 Resp: 472469

Ion	Ratio	Lower	Upper
82	100		
128	46.2	35.3	52.9
54	51.4	44.5	66.7

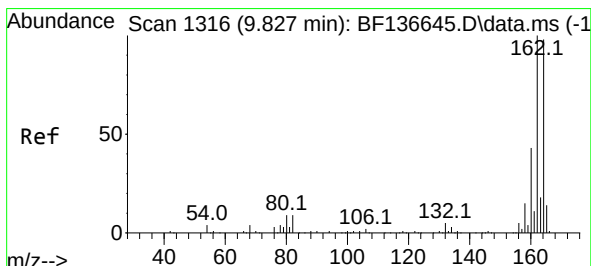
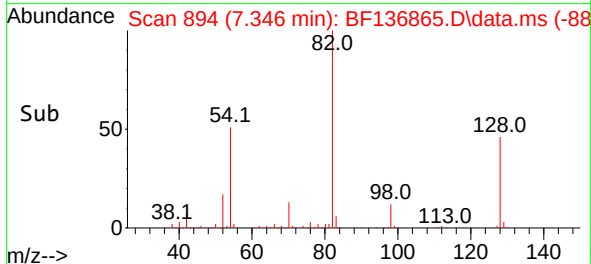
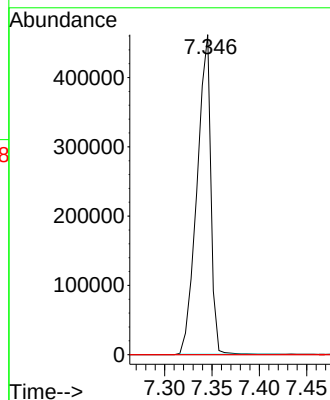
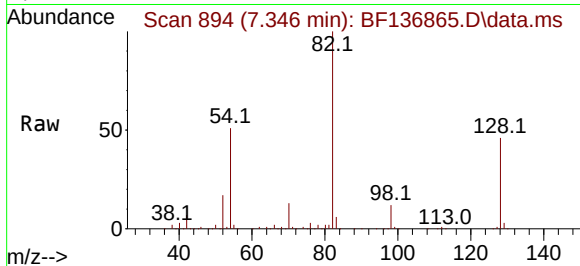




#25
Isophorone
Concen: 43.020 ng
RT: 7.346 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136865.D
Acq: 02 Jan 2024 11:52

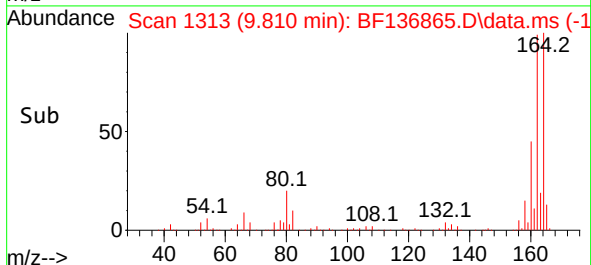
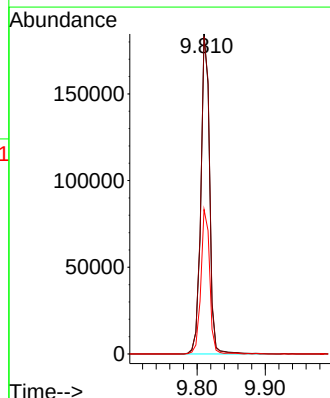
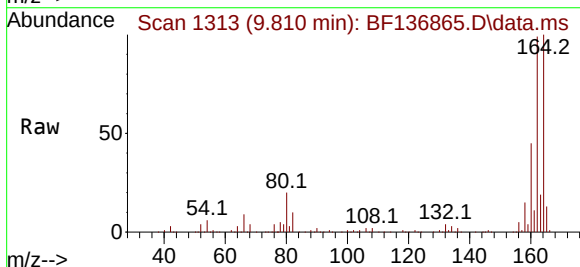
Instrument :
BNA_F
ClientSampleId :
PB158048TB

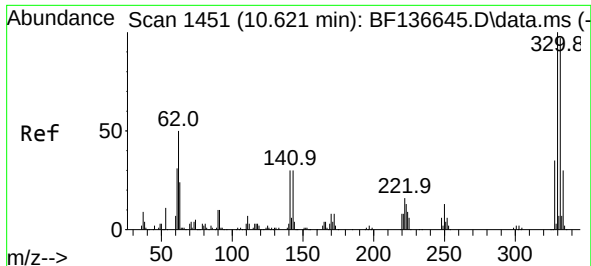
Tgt Ion: 82 Resp: 467305
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.017 min
Lab File: BF136865.D
Acq: 02 Jan 2024 11:52

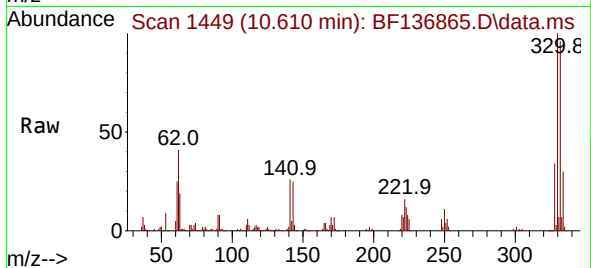
Tgt Ion: 164 Resp: 162854
Ion Ratio Lower Upper
164 100
162 99.2 81.6 122.4
160 45.2 34.9 52.3



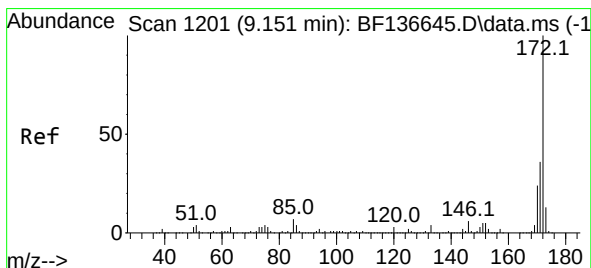
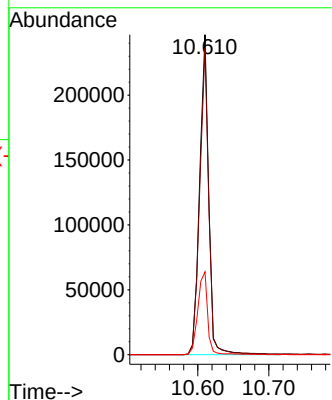
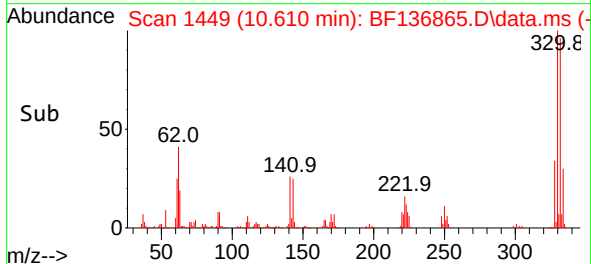


#42
2,4,6-Tribromophenol
Concen: 115.129 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.011 min
Lab File: BF136865.D
Acq: 02 Jan 2024 11:52

Instrument :
BNA_F
ClientSampleId :
PB158048TB

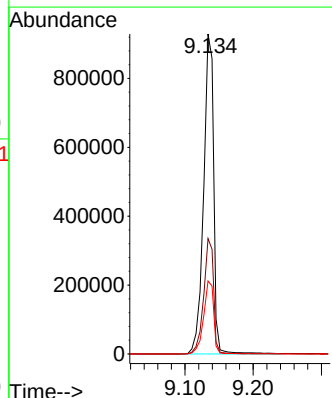
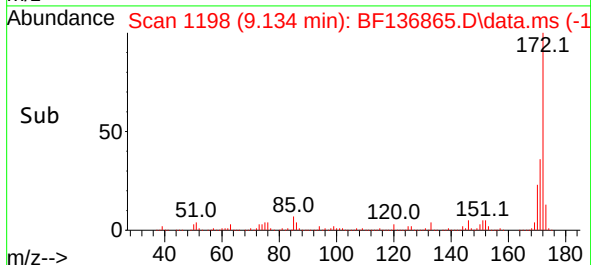
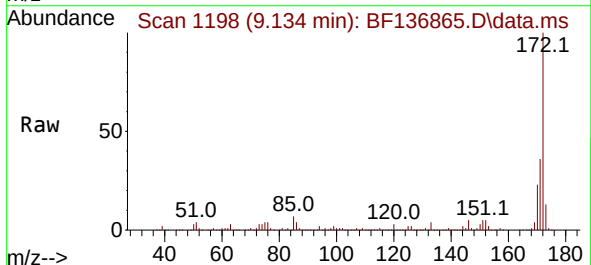


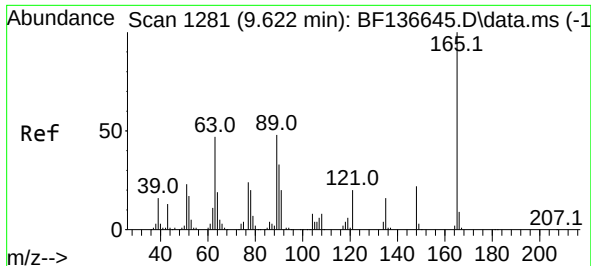
Tgt Ion:330 Resp: 220813
Ion Ratio Lower Upper
330 100
332 95.5 77.4 116.0
141 28.0 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 78.818 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.017 min
Lab File: BF136865.D
Acq: 02 Jan 2024 11:52

Tgt Ion:172 Resp: 954346
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.6
170 22.8 19.0 28.4

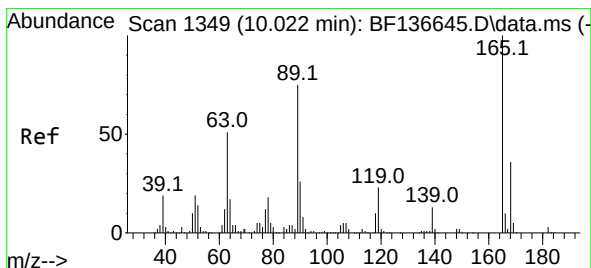
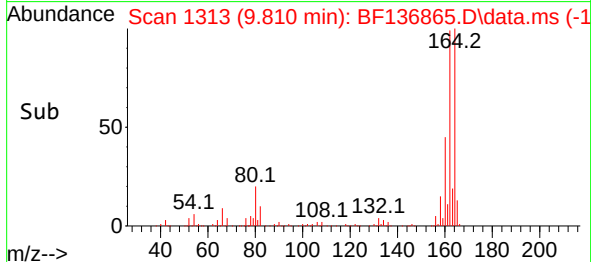
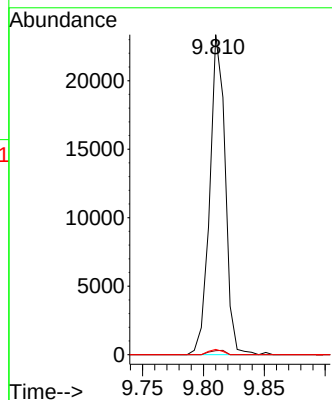
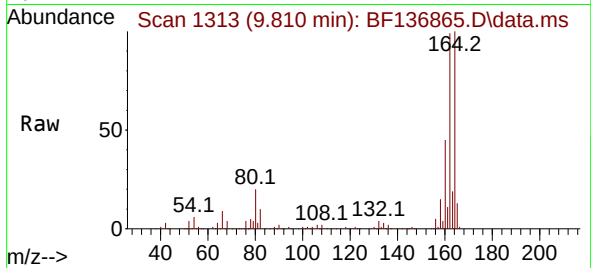




#51
2,6-Dinitrotoluene
Concen: 7.617 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF136865.D
Acq: 02 Jan 2024 11:52

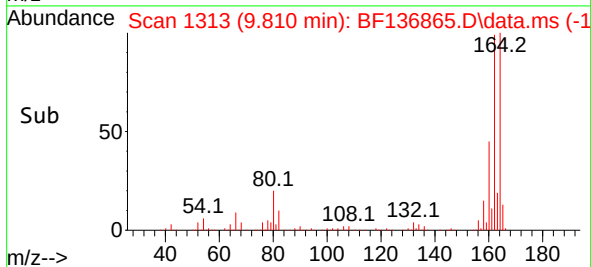
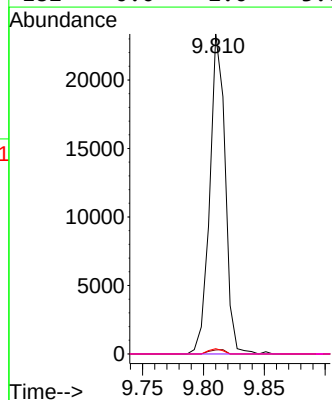
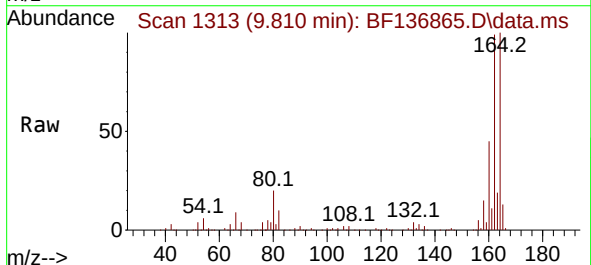
Instrument :
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ClientSampleId :
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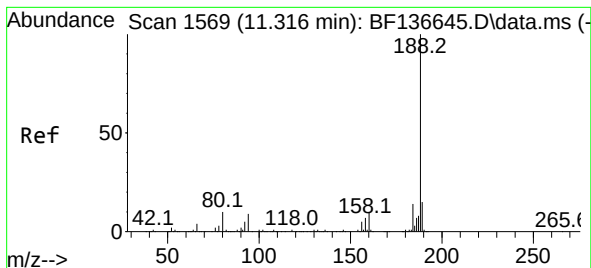
Tgt Ion:165 Resp: 20563
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.6 38.8 58.2#



#57
2,4-Dinitrotoluene
Concen: 5.867 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.211 min
Lab File: BF136865.D
Acq: 02 Jan 2024 11:52

Tgt Ion:165 Resp: 20563
Ion Ratio Lower Upper
165 100
63 1.3 41.0 61.6#
89 1.6 59.9 89.9#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF136865.D

Acq: 02 Jan 2024 11:52

Instrument :

BNA_F

ClientSampleId :

PB158048TB

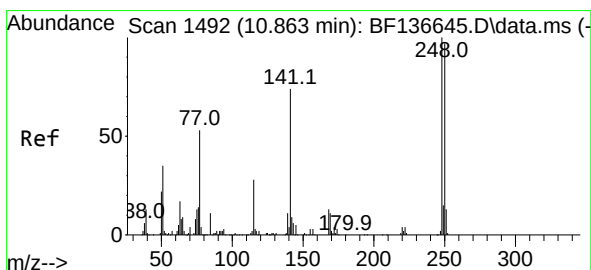
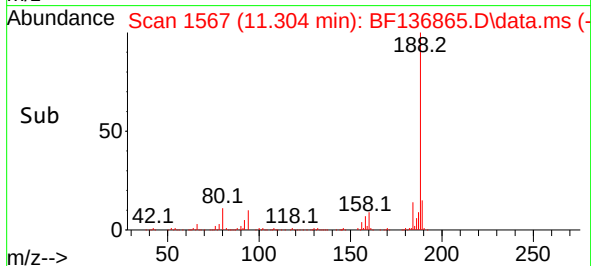
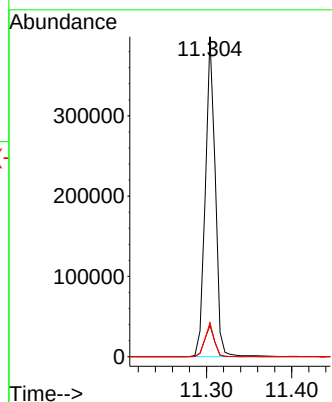
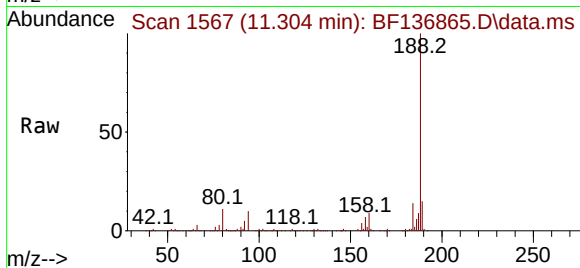
Tgt Ion:188 Resp: 320960

Ion Ratio Lower Upper

188 100

94 9.7 7.5 11.3

80 10.6 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 3.824 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.253 min

Lab File: BF136865.D

Acq: 02 Jan 2024 11:52

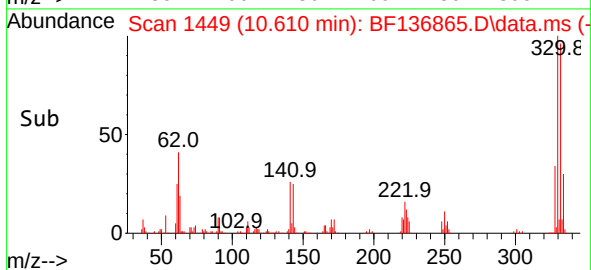
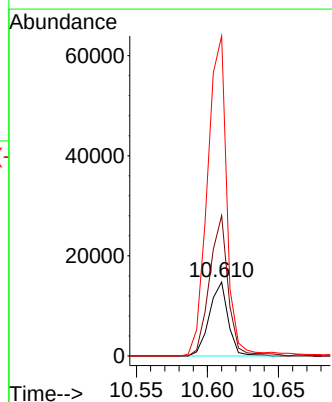
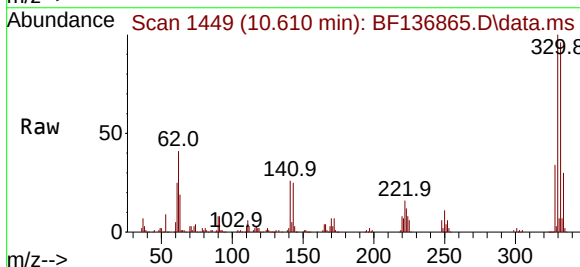
Tgt Ion:248 Resp: 13632

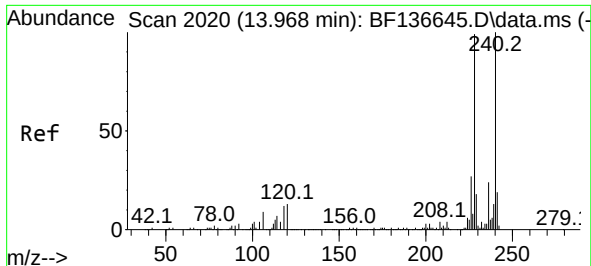
Ion Ratio Lower Upper

248 100

250 190.1 77.8 116.6#

141 433.3 59.2 88.8#

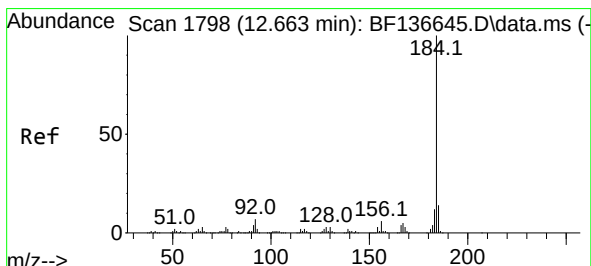
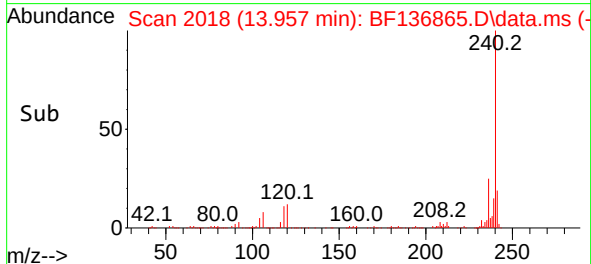
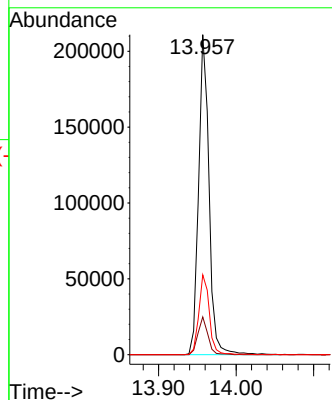
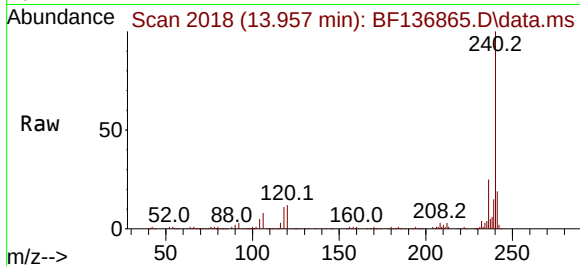




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 20
Delta R.T. -0.011 min
Lab File: BF136865.D
Acq: 02 Jan 2024 11:52

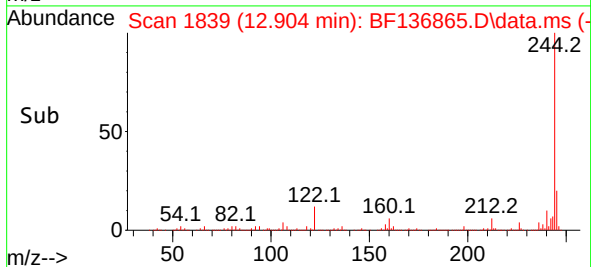
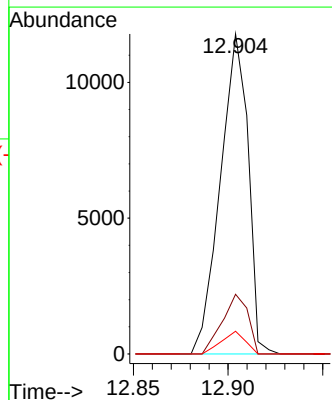
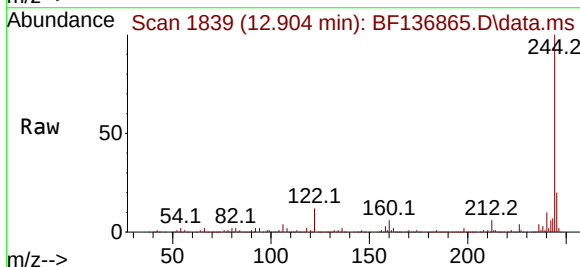
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BNA_F
ClientSampleId :
PB158048TB

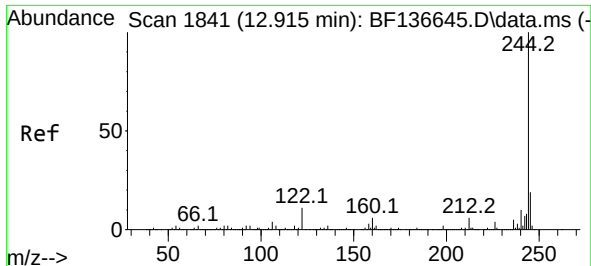
Tgt Ion:240 Resp: 196691
Ion Ratio Lower Upper
240 100
120 11.8 10.3 15.5
236 25.0 19.4 29.2



#77
Benzidine
Concen: 2.068 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.241 min
Lab File: BF136865.D
Acq: 02 Jan 2024 11:52

Tgt Ion:184 Resp: 11992
Ion Ratio Lower Upper
184 100
185 18.7 11.2 16.8#
183 7.1 9.3 13.9#

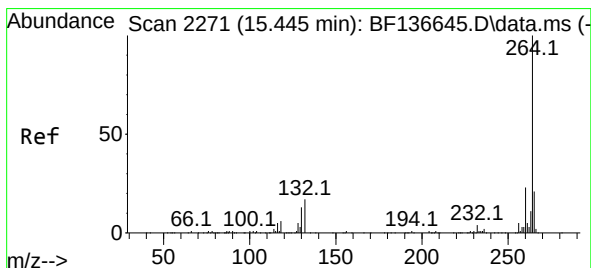
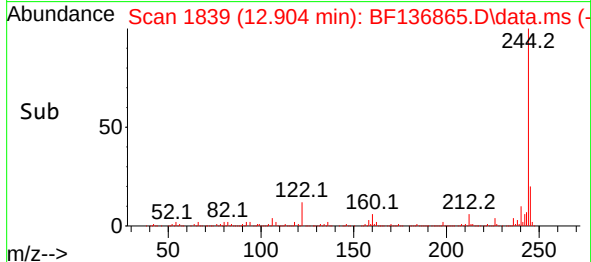
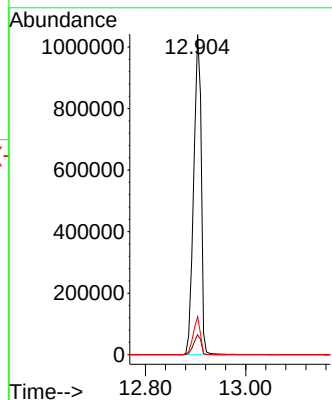
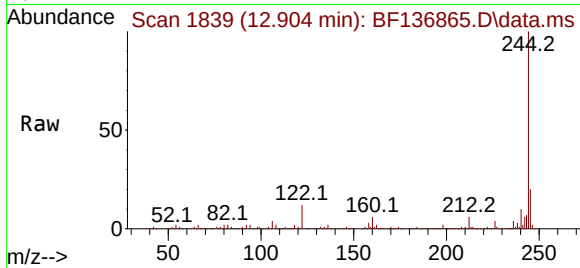




#79
 Terphenyl-d14
 Concen: 76.548 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.011 min
 Lab File: BF136865.D
 Acq: 02 Jan 2024 11:52

Instrument :
 BNA_F
 ClientSampleId :
 PB158048TB

Tgt Ion:244 Resp: 1077397
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 11.9 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.006 min
 Lab File: BF136865.D
 Acq: 02 Jan 2024 11:52

Tgt Ion:264 Resp: 164370
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.3 27.5
 265 21.7 17.0 25.6

