

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136849.D
 Acq On : 30 Dec 2023 02:29
 Operator : CG\JU
 Sample : 06015-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-323-6-8

Quant Time: Dec 30 03:11:00 2023
 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)

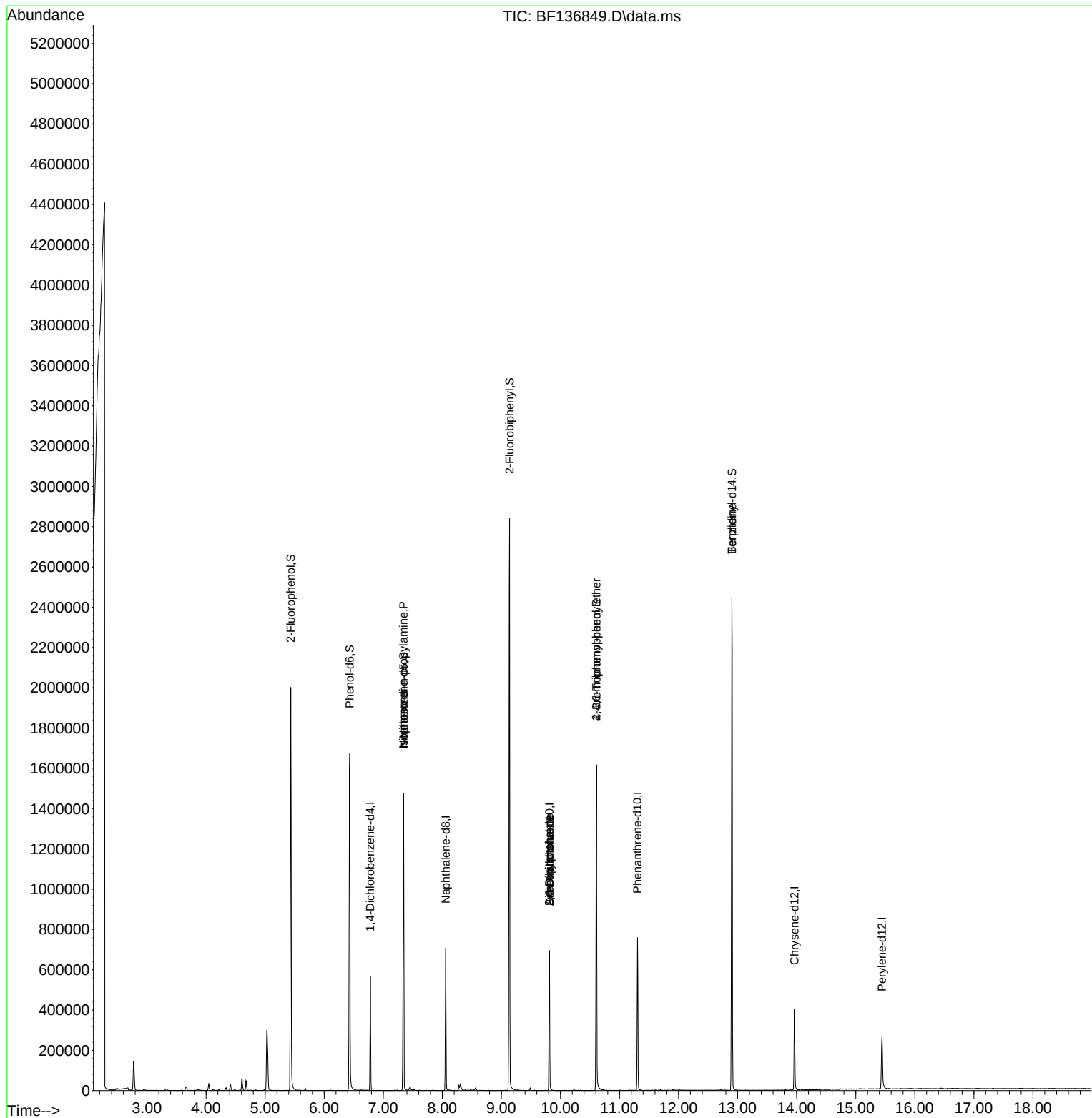
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	75472	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	284122	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	147555	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	270169	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	146496	20.000	ng	0.00
86) Perylene-d12	15.445	264	149738	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	546259	112.932	ng	0.00
7) Phenol-d6	6.434	99	633490	101.073	ng	0.00
23) Nitrobenzene-d5	7.345	82	464831	83.717	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	208370	119.905	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	928760	84.658	ng	-0.01
79) Terphenyl-d14	12.904	244	952641	90.875	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	60462	15.913	ng	# 74
25) Isophorone	7.345	82	464823	46.008	ng	# 65
50) Dimethylphthalate	9.816	163	29728	2.758	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	18953	7.748	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	18953	5.969	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	12012	4.003	ng	# 1
77) Benzidine	12.904	184	10743	2.487	ng	# 91

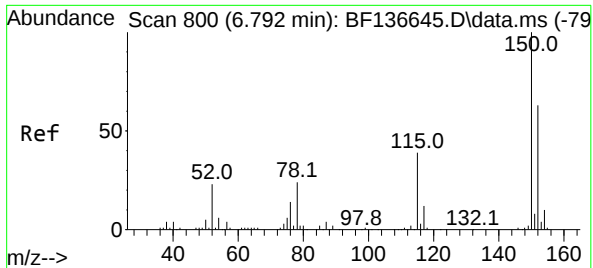
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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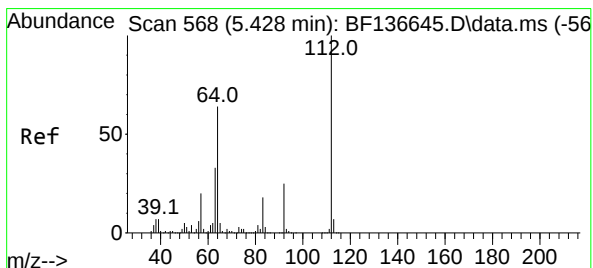
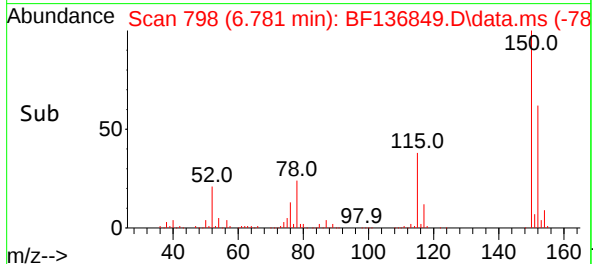
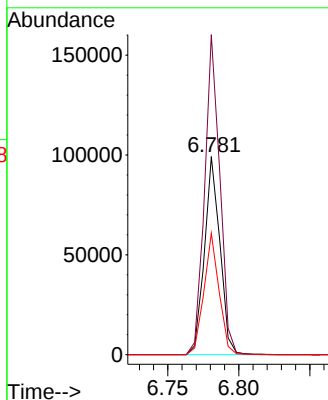
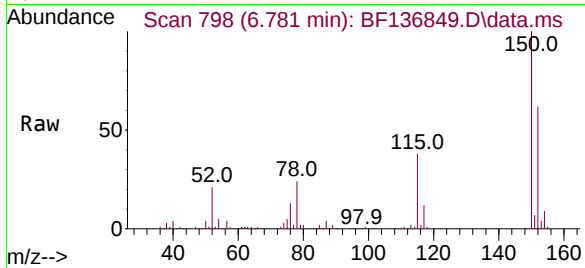




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF136849.D
 Acq: 30 Dec 2023 02:29

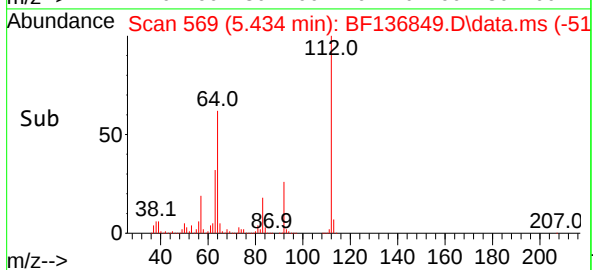
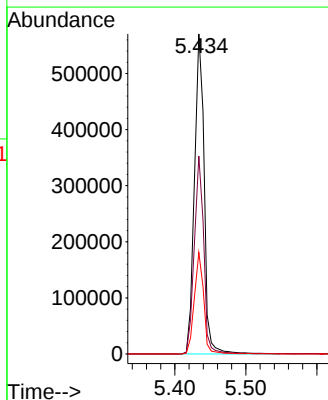
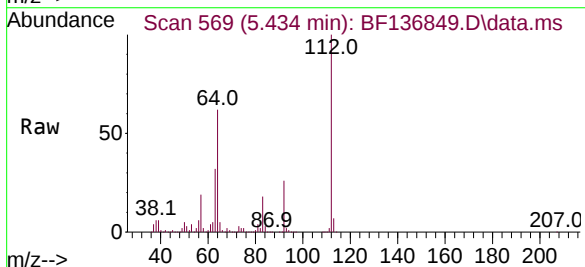
Instrument :
 BNA_F
 ClientSampleId :
 MR-323-6-8

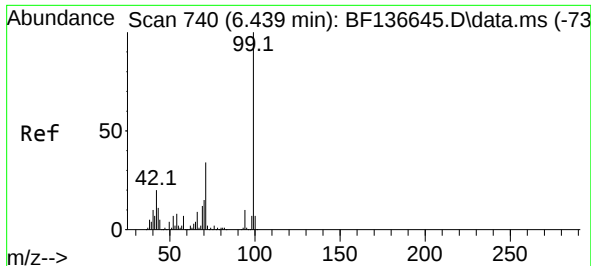
Tgt Ion:152 Resp: 75472
 Ion Ratio Lower Upper
 152 100
 150 161.6 127.0 190.6
 115 61.3 49.0 73.4



#5
 2-Fluorophenol
 Concen: 112.932 ng
 RT: 5.434 min Scan# 569
 Delta R.T. 0.006 min
 Lab File: BF136849.D
 Acq: 30 Dec 2023 02:29

Tgt Ion:112 Resp: 546259
 Ion Ratio Lower Upper
 112 100
 64 61.8 51.1 76.7
 63 31.7 26.1 39.1





#7
Phenol-d6
Concen: 101.073 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136849.D
Acq: 30 Dec 2023 02:29

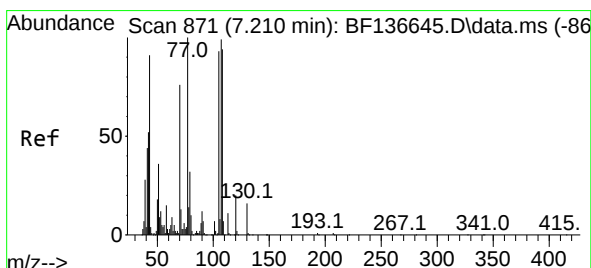
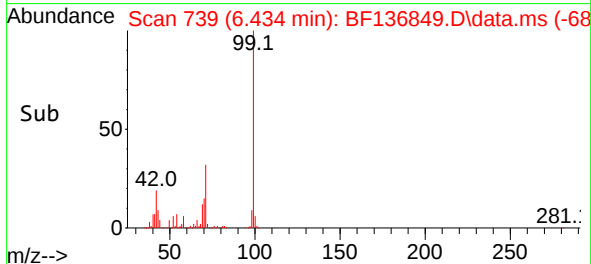
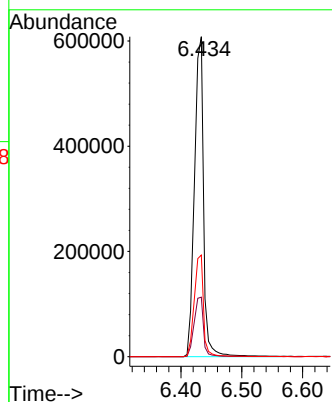
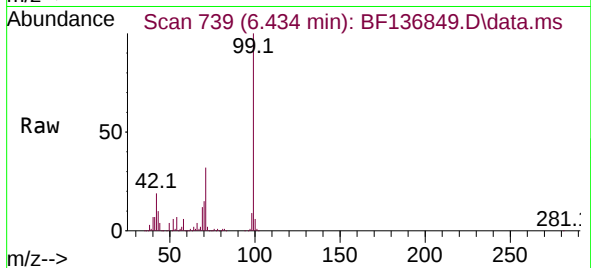
Instrument :

BNA_F

ClientSampleId :

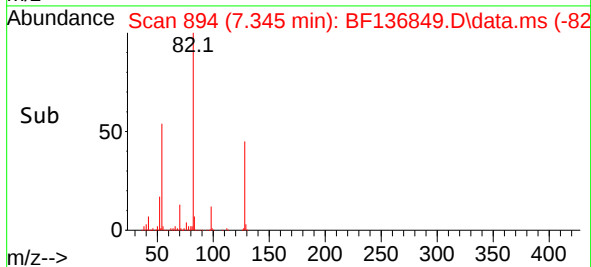
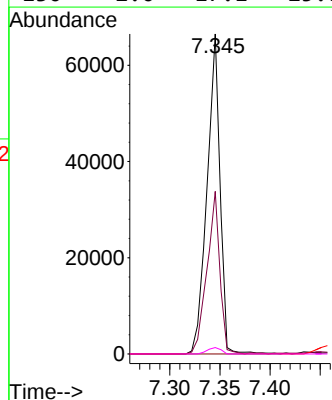
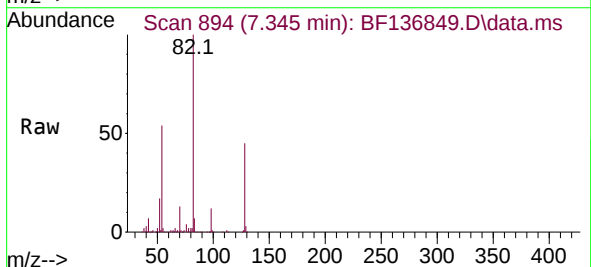
MR-323-6-8

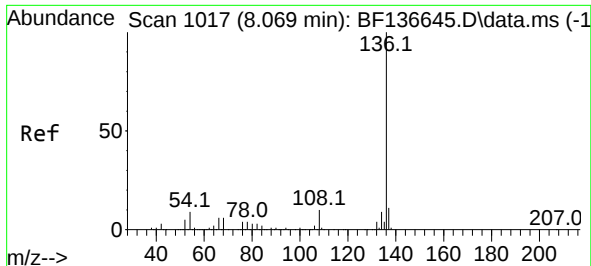
Tgt Ion: 99 Resp: 633490
Ion Ratio Lower Upper
99 100
42 18.6 16.1 24.1
71 31.8 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.913 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136849.D
Acq: 30 Dec 2023 02:29

Tgt Ion: 70 Resp: 60462
Ion Ratio Lower Upper
70 100
42 50.8 54.2 81.4#
101 0.0 7.6 11.4#
130 2.0 17.1 25.7#



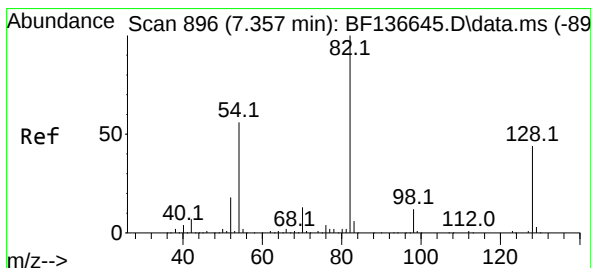
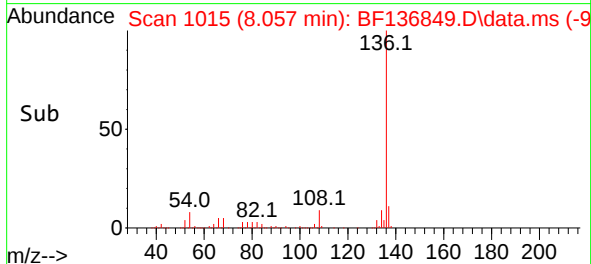
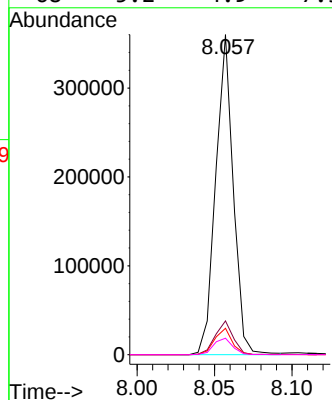
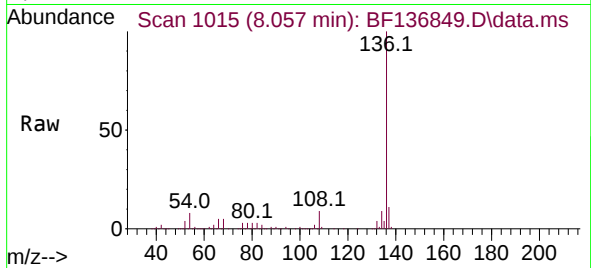


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136849.D
Acq: 30 Dec 2023 02:29

Instrument :
BNA_F
ClientSampleId :
MR-323-6-8

Tgt Ion:136 Resp: 284122

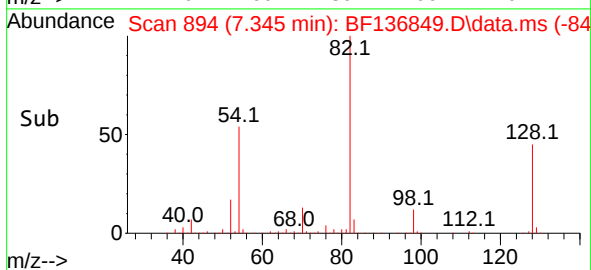
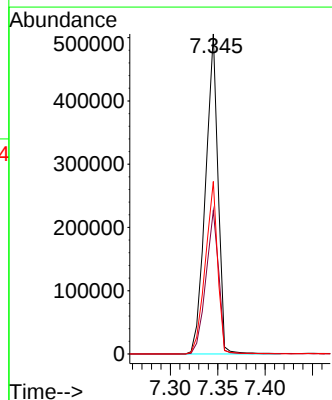
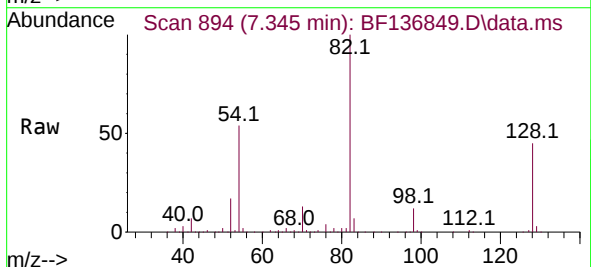
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	8.2	7.2	10.8
68	5.2	4.9	7.3

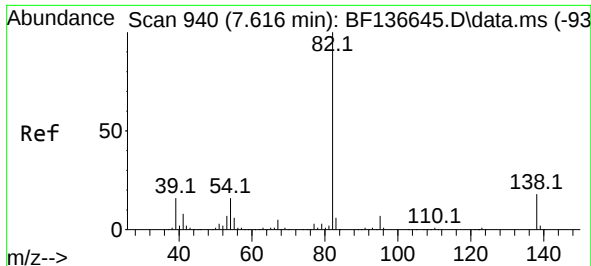


#23
Nitrobenzene-d5
Concen: 83.717 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136849.D
Acq: 30 Dec 2023 02:29

Tgt Ion: 82 Resp: 464831

Ion	Ratio	Lower	Upper
82	100		
128	44.8	35.3	52.9
54	53.9	44.5	66.7

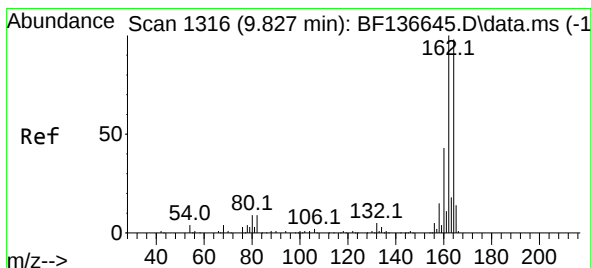
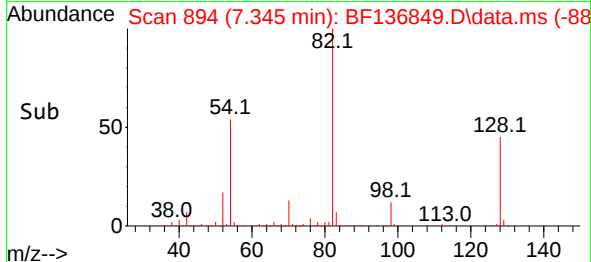
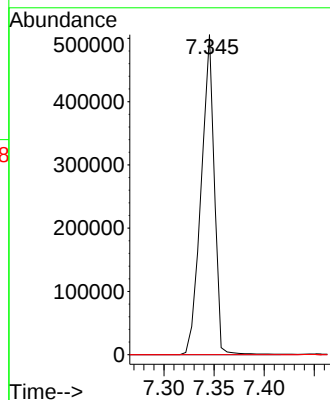
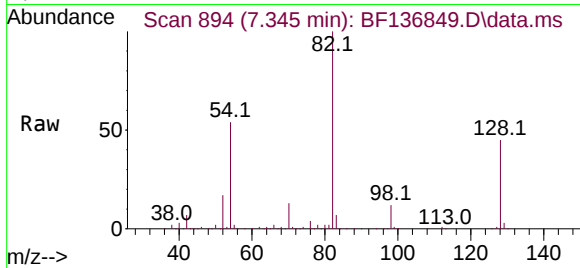




#25
Isophorone
Concen: 46.008 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136849.D
Acq: 30 Dec 2023 02:29

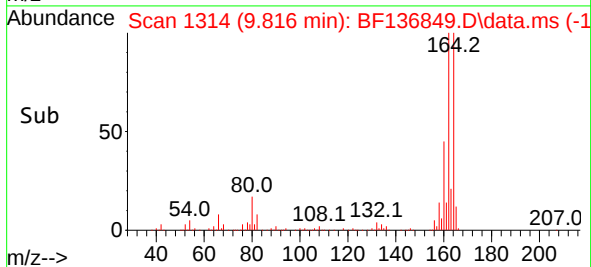
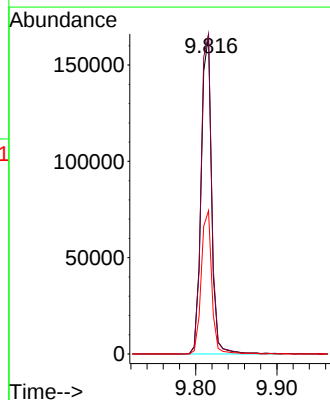
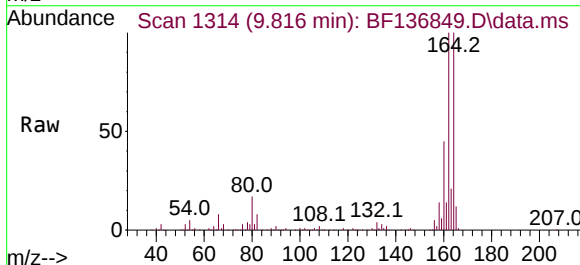
Instrument :
BNA_F
ClientSampleId :
MR-323-6-8

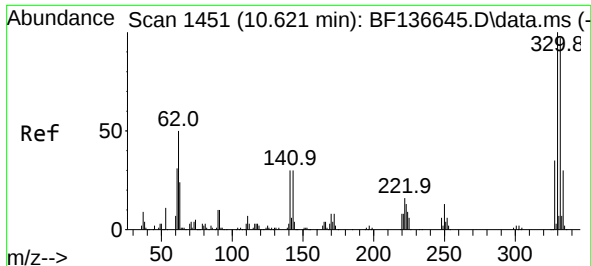
Tgt Ion: 82 Resp: 464823
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136849.D
Acq: 30 Dec 2023 02:29

Tgt Ion:164 Resp: 147555
Ion Ratio Lower Upper
164 100
162 100.3 81.6 122.4
160 44.9 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 119.905 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136849.D

Acq: 30 Dec 2023 02:29

Instrument :

BNA_F

ClientSampleId :

MR-323-6-8

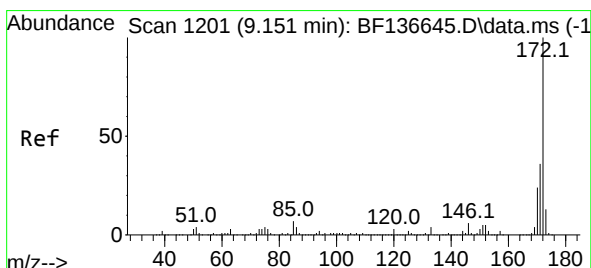
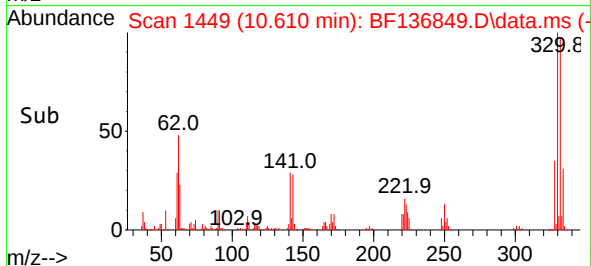
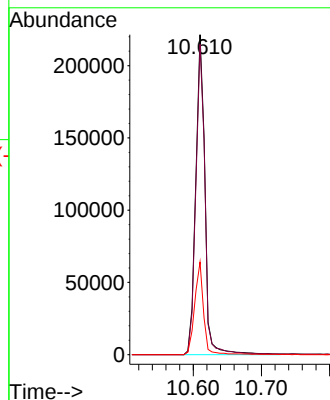
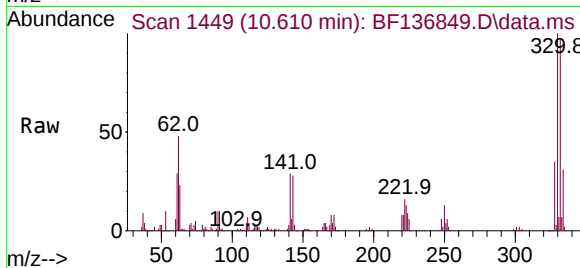
Tgt Ion:330 Resp: 208370

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.0

141 28.1 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 84.658 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136849.D

Acq: 30 Dec 2023 02:29

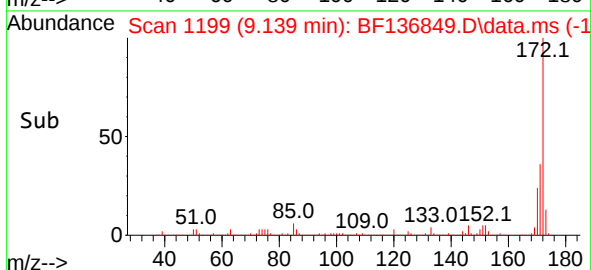
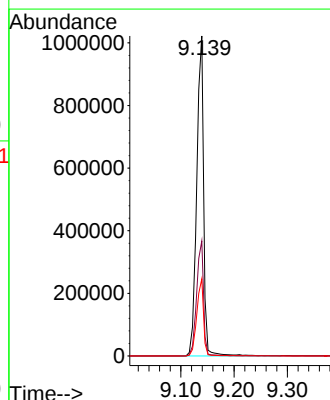
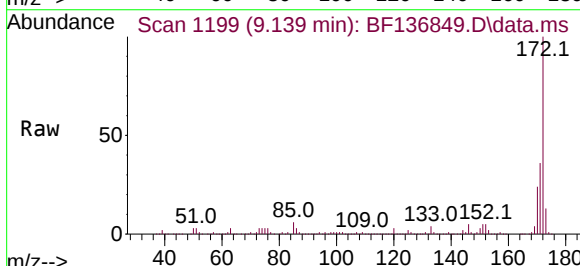
Tgt Ion:172 Resp: 928760

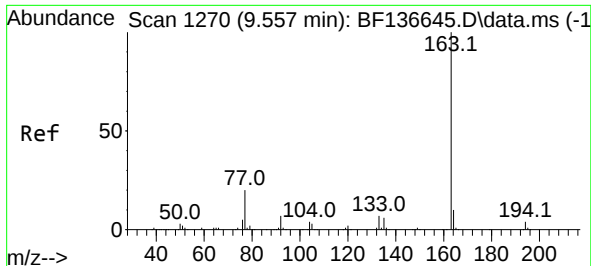
Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.6

170 24.1 19.0 28.4

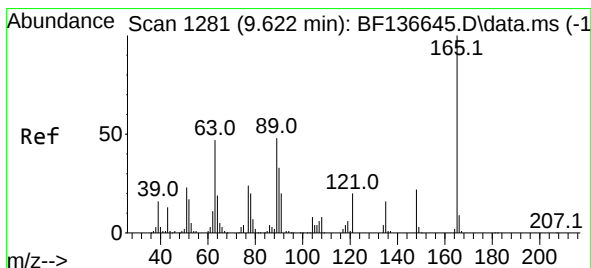
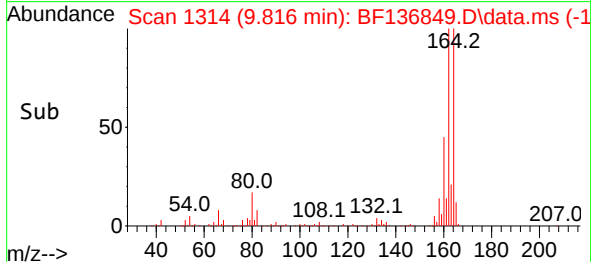
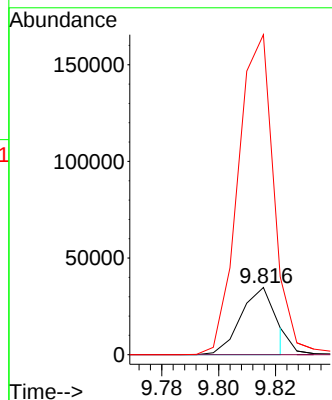
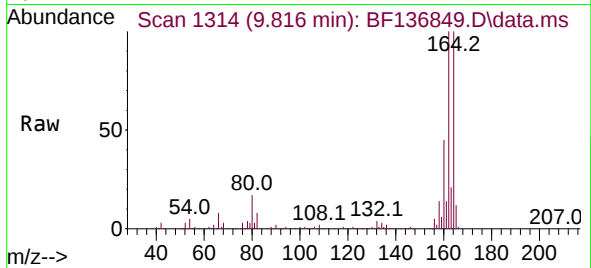




#50
Dimethylphthalate
Concen: 2.758 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136849.D
Acq: 30 Dec 2023 02:29

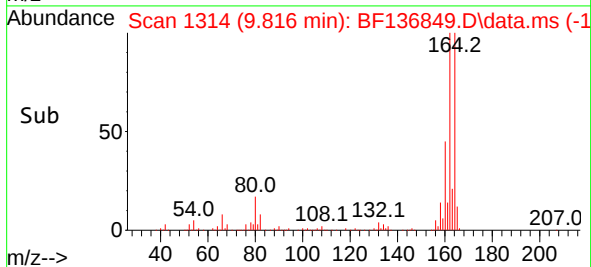
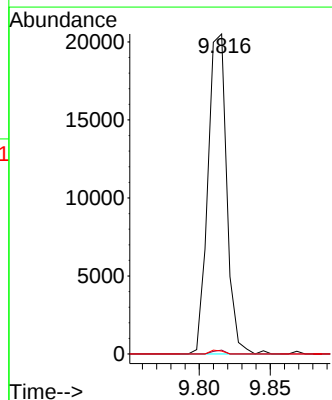
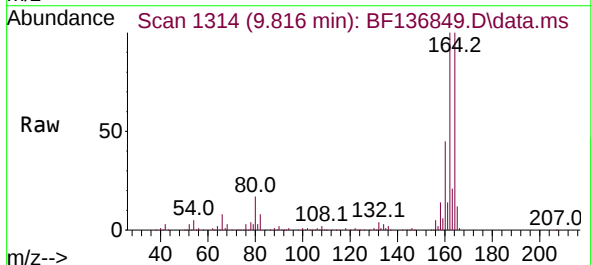
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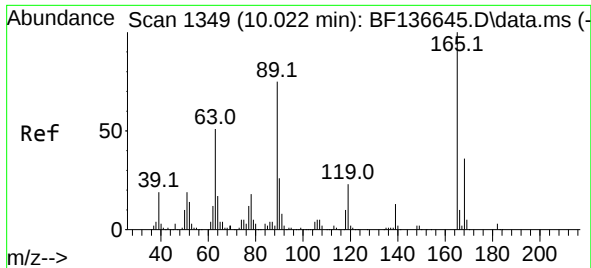
Tgt Ion:163 Resp: 29728
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 476.3 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.748 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136849.D
Acq: 30 Dec 2023 02:29

Tgt Ion:165 Resp: 18953
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 0.9 38.8 58.2#

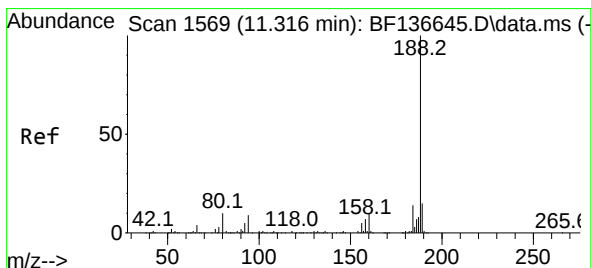
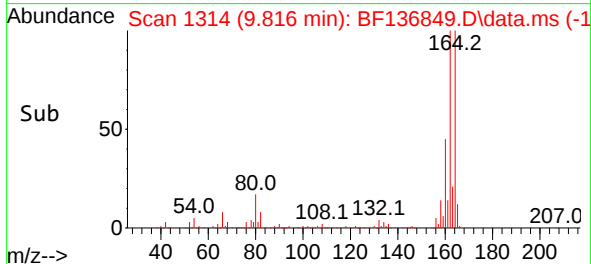
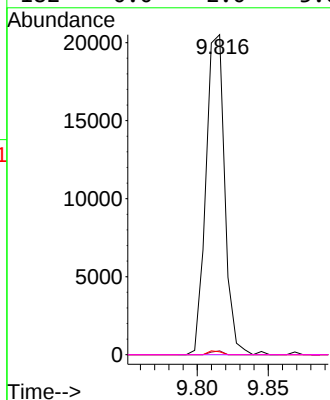
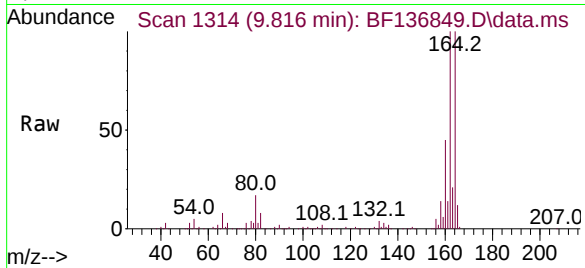




#57
2,4-Dinitrotoluene
Concen: 5.969 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136849.D
Acq: 30 Dec 2023 02:29

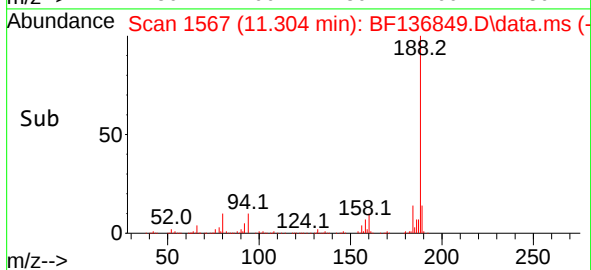
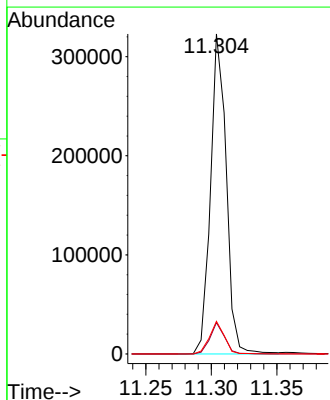
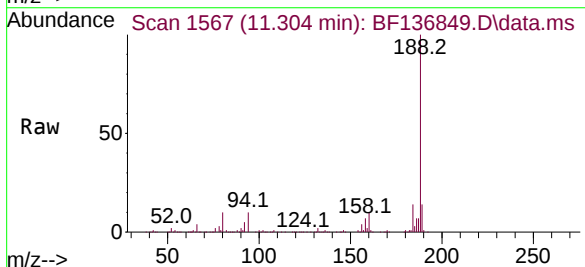
Instrument :
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MR-323-6-8

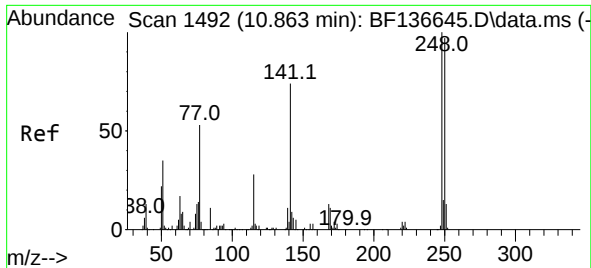
Tgt Ion:165 Resp: 18953
Ion Ratio Lower Upper
165 100
63 1.2 41.0 61.6#
89 0.9 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136849.D
Acq: 30 Dec 2023 02:29

Tgt Ion:188 Resp: 270169
Ion Ratio Lower Upper
188 100
94 9.8 7.5 11.3
80 10.2 8.1 12.1

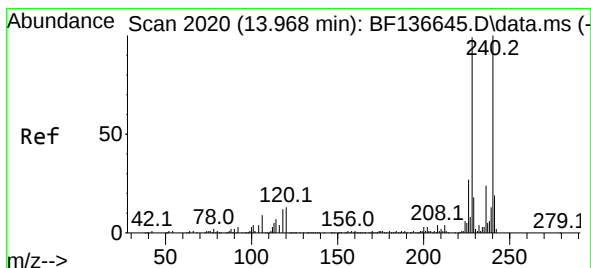
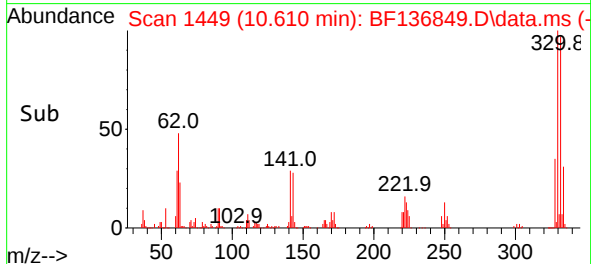
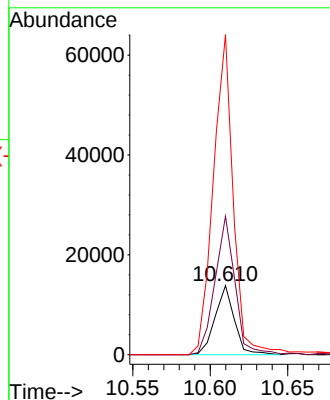
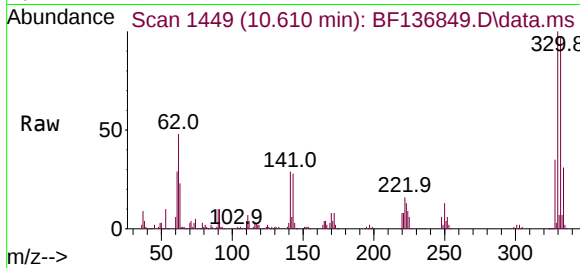




#67
4-Bromophenyl-phenylether
Concen: 4.003 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136849.D
Acq: 30 Dec 2023 02:29

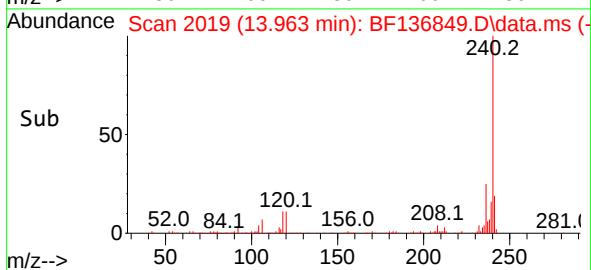
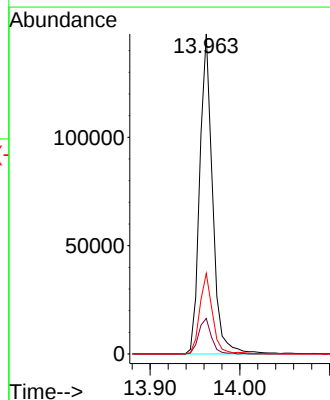
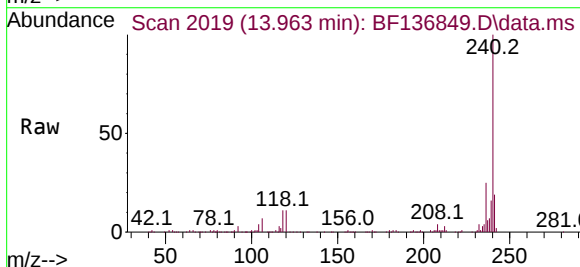
Instrument :
BNA_F
ClientSampleId :
MR-323-6-8

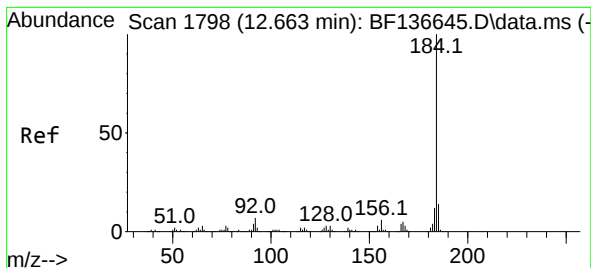
Tgt Ion:248 Resp: 12012
Ion Ratio Lower Upper
248 100
250 200.6 77.8 116.6#
141 463.1 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136849.D
Acq: 30 Dec 2023 02:29

Tgt Ion:240 Resp: 146496
Ion Ratio Lower Upper
240 100
120 11.1 10.3 15.5
236 25.2 19.4 29.2





#77

Benzidine

Concen: 2.487 ng

RT: 12.904 min Scan# 1839

Delta R.T. 0.241 min

Lab File: BF136849.D

Acq: 30 Dec 2023 02:29

Instrument :

BNA_F

ClientSampleId :

MR-323-6-8

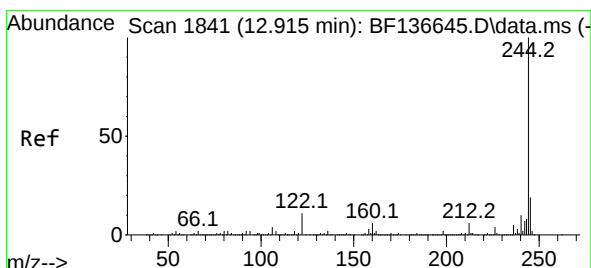
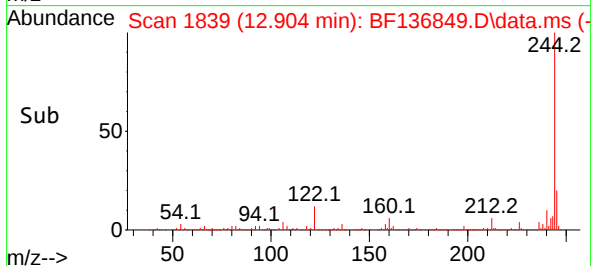
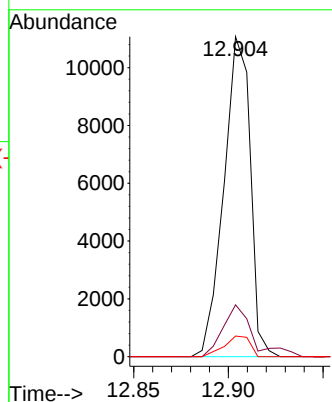
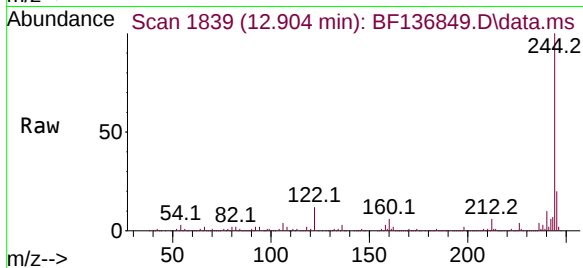
Tgt Ion:184 Resp: 10743

Ion Ratio Lower Upper

184 100

185 16.2 11.2 16.8

183 6.5 9.3 13.9#



#79

Terphenyl-d14

Concen: 90.875 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136849.D

Acq: 30 Dec 2023 02:29

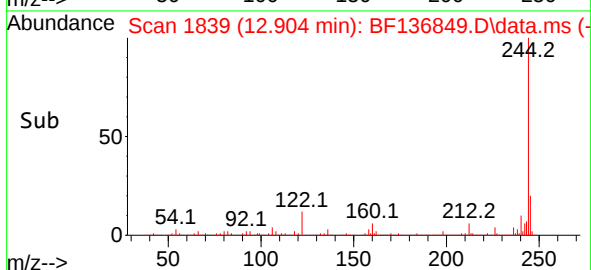
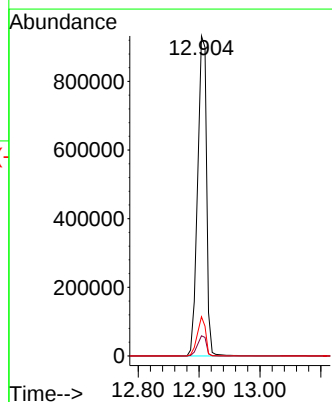
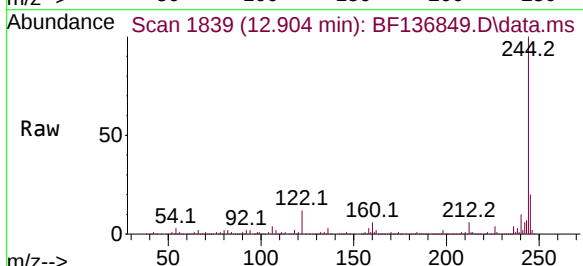
Tgt Ion:244 Resp: 952641

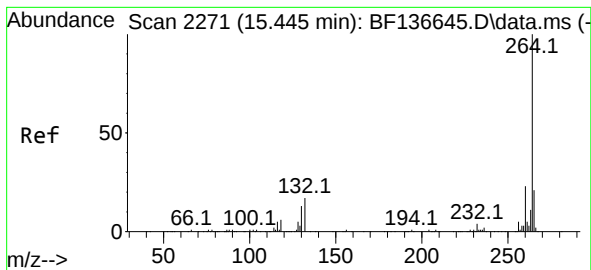
Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

122 12.3 9.0 13.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136849.D

Acq: 30 Dec 2023 02:29

Instrument :

BNA_F

ClientSampleId :

MR-323-6-8

Tgt Ion:264 Resp: 149738

Ion Ratio Lower Upper

264 100

260 24.8 18.3 27.5

265 24.0 17.0 25.6

