

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
 Data File : BF136873.D
 Acq On : 02 Jan 2024 16:07
 Operator : CG\JU
 Sample : 06038-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-703

Quant Time: Jan 02 16:57:08 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)

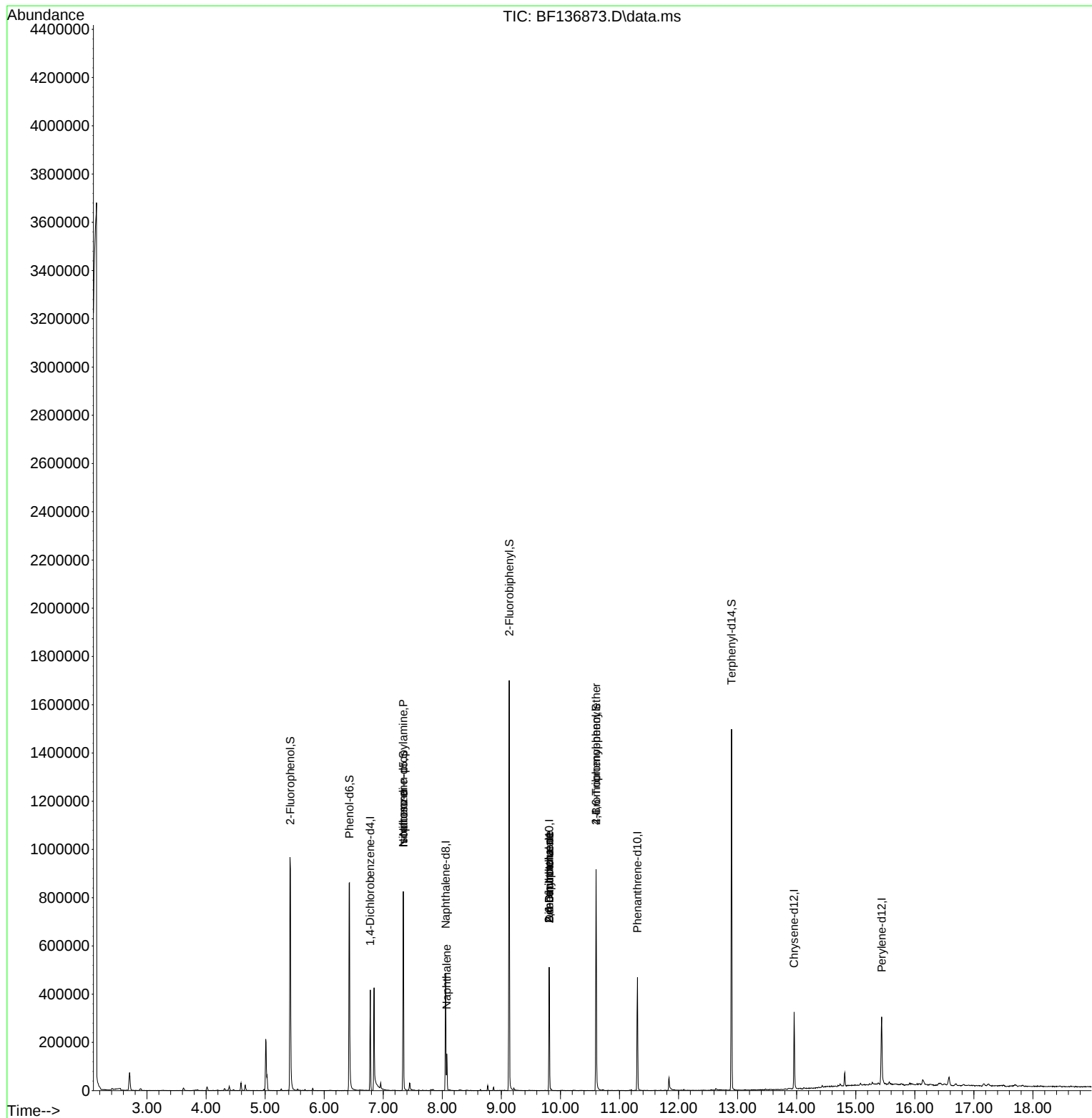
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	54170	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	198924	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	99378	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	165256	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	105397	20.000	ng	-0.01
86) Perylene-d12	15.439	264	135451	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	286500	82.522	ng	0.00
7) Phenol-d6	6.428	99	321574	71.483	ng	-0.01
23) Nitrobenzene-d5	7.340	82	236611	60.866	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	114863	98.140	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	487818	66.021	ng	-0.02
79) Terphenyl-d14	12.898	244	507054	67.231	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.340	70	31452	11.533	ng	# 77
25) Isophorone	7.340	82	236606	33.449	ng	# 65
31) Naphthalene	8.075	128	59600	5.454	ng	98
50) Dimethylphthalate	9.810	163	18326	2.525	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	12597	7.647	ng	# 30
57) 2,4-Dinitrotoluene	9.810	165	12597	5.890	ng	# 21
67) 4-Bromophenyl-phenylether	10.604	248	6877	3.747	ng	# 1

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

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Quant Time: Jan 02 16:57:08 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

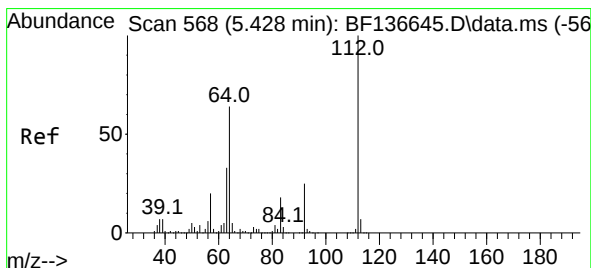
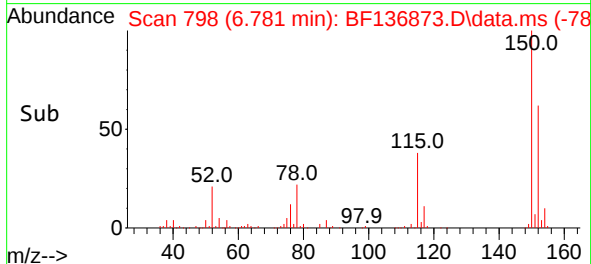
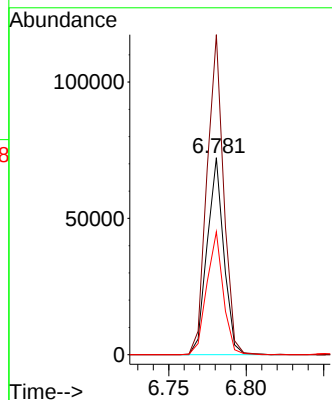
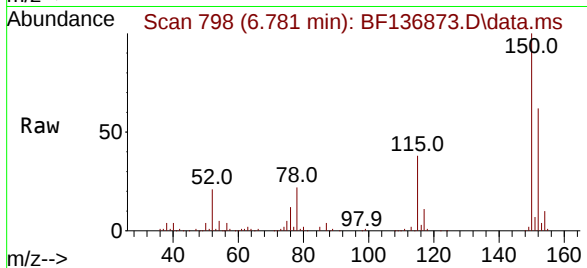




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136873.D
Acq: 02 Jan 2024 16:07

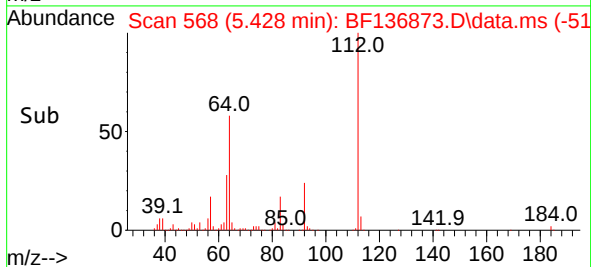
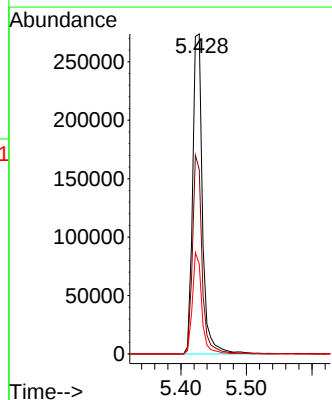
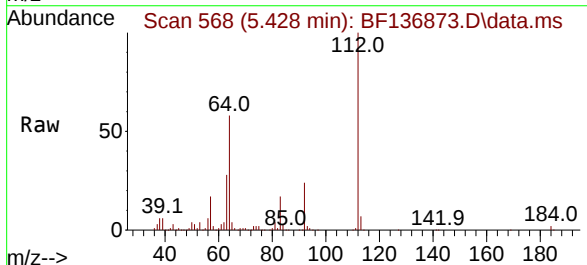
Instrument :
BNA_F
ClientSampleId :
T-703

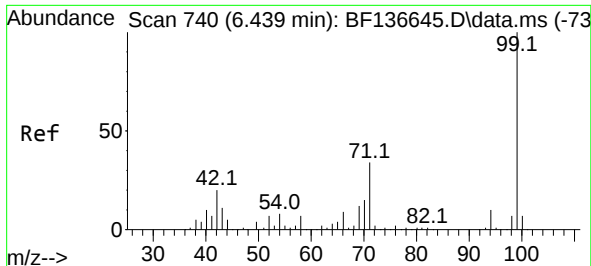
Tgt Ion:152 Resp: 54170
Ion Ratio Lower Upper
152 100
150 162.5 127.0 190.6
115 62.4 49.0 73.4



#5
2-Fluorophenol
Concen: 82.522 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136873.D
Acq: 02 Jan 2024 16:07

Tgt Ion:112 Resp: 286500
Ion Ratio Lower Upper
112 100
64 57.7 51.1 76.7
63 28.1 26.1 39.1

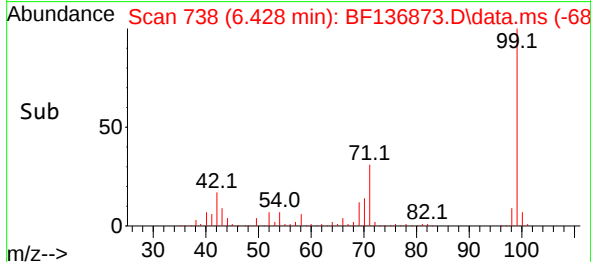
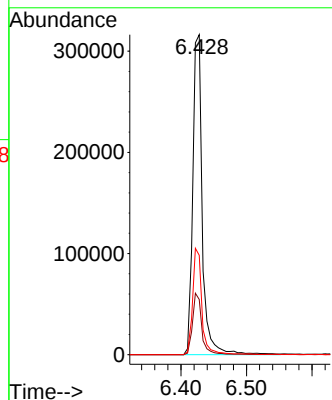
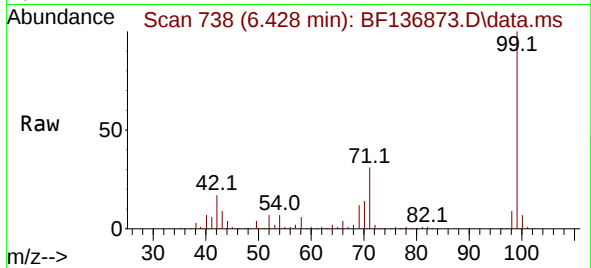




#7
Phenol-d6
Concen: 71.483 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136873.D
Acq: 02 Jan 2024 16:07

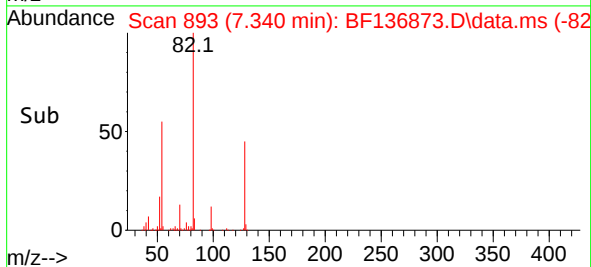
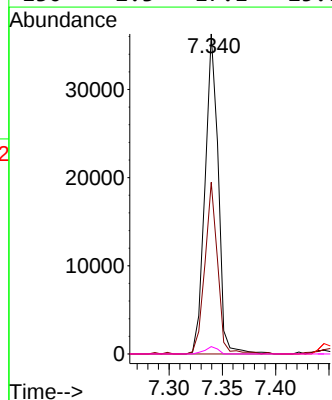
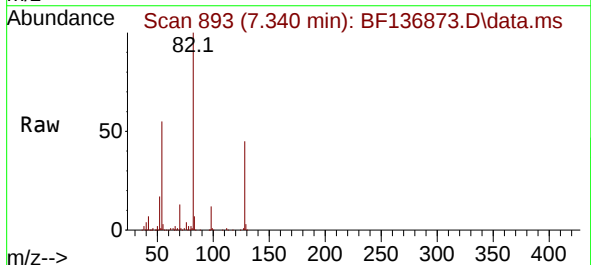
Instrument :
BNA_F
ClientSampleId :
T-703

Tgt Ion: 99 Resp: 321574
Ion Ratio Lower Upper
99 100
42 17.2 16.1 24.1
71 31.1 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.533 ng
RT: 7.340 min Scan# 893
Delta R.T. 0.130 min
Lab File: BF136873.D
Acq: 02 Jan 2024 16:07

Tgt Ion: 70 Resp: 31452
Ion Ratio Lower Upper
70 100
42 53.7 54.2 81.4#
101 0.0 7.6 11.4#
130 2.3 17.1 25.7#

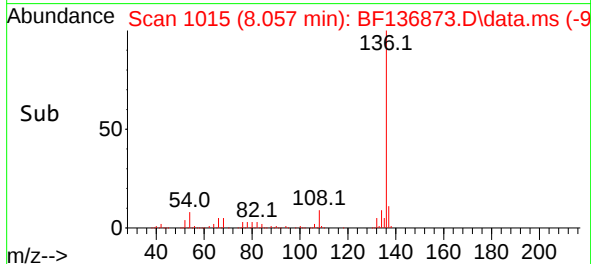
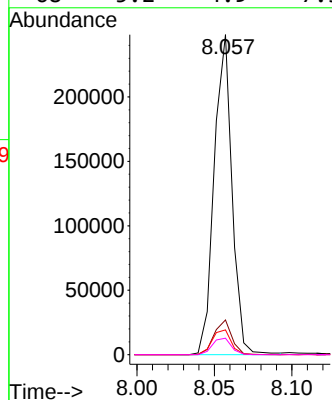
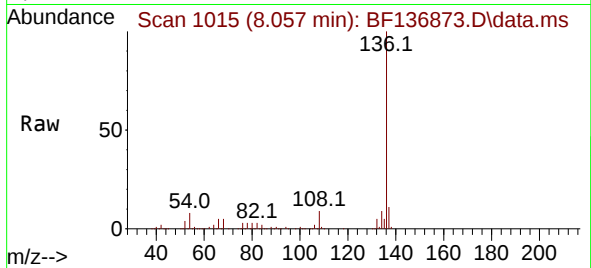




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136873.D
Acq: 02 Jan 2024 16:07

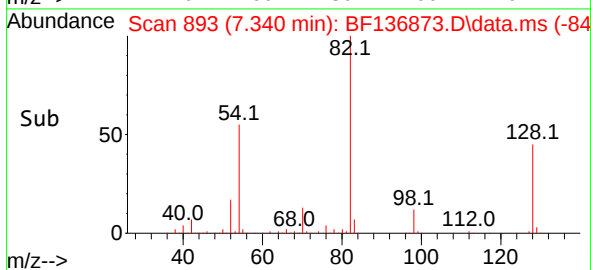
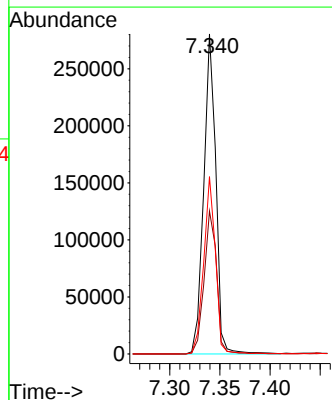
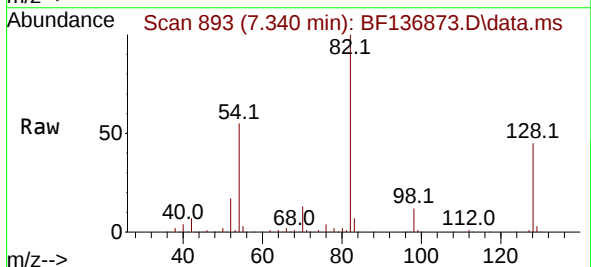
Instrument :
BNA_F
ClientSampleId :
T-703

Tgt Ion:136	Resp: 198924
Ion Ratio	Lower Upper
136 100	
137 10.9	9.0 13.4
54 7.7	7.2 10.8
68 5.2	4.9 7.3



#23
Nitrobenzene-d5
Concen: 60.866 ng
RT: 7.340 min Scan# 893
Delta R.T. -0.018 min
Lab File: BF136873.D
Acq: 02 Jan 2024 16:07

Tgt Ion: 82	Resp: 236611
Ion Ratio	Lower Upper
82 100	
128 44.6	35.3 52.9
54 55.4	44.5 66.7

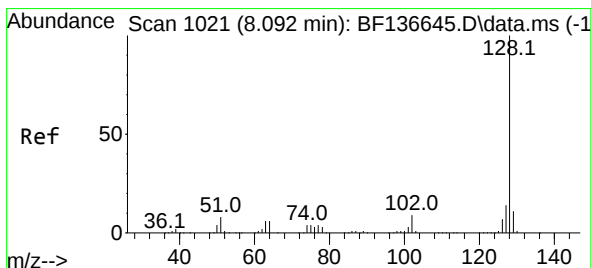
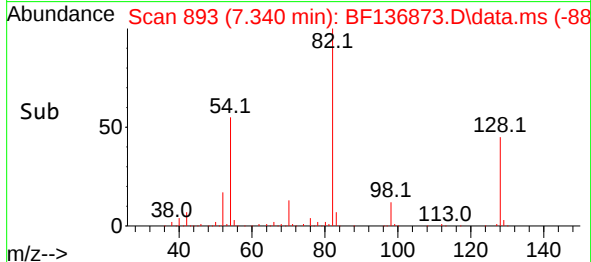
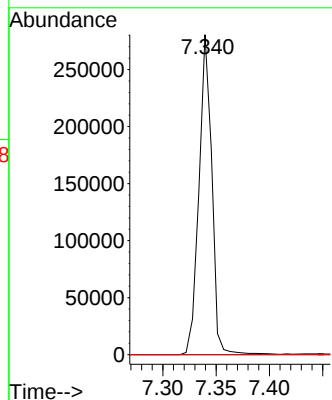
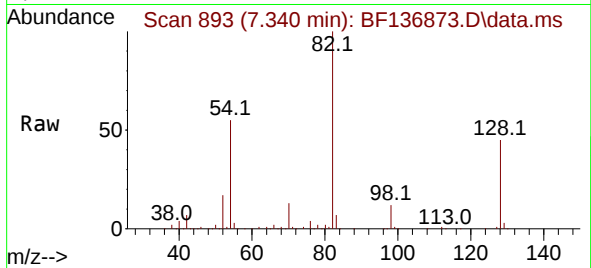




#25
Isophorone
Concen: 33.449 ng
RT: 7.340 min Scan# 893
Delta R.T. -0.276 min
Lab File: BF136873.D
Acq: 02 Jan 2024 16:07

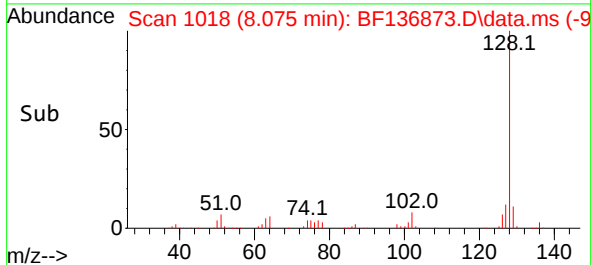
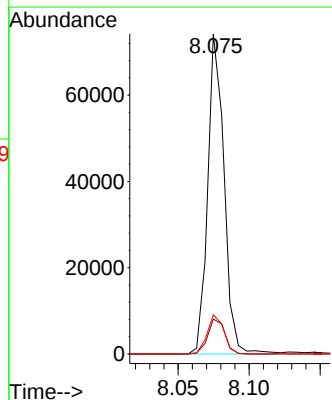
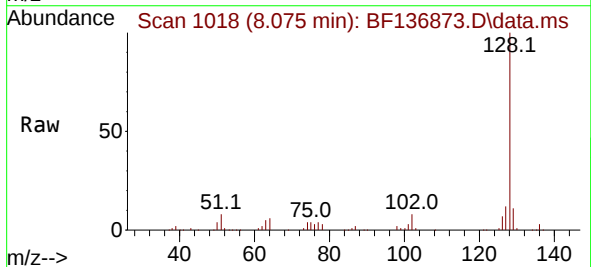
Instrument :
BNA_F
ClientSampleId :
T-703

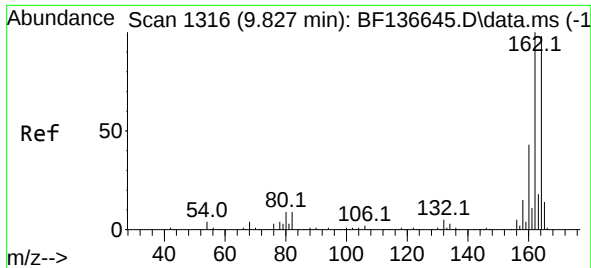
Tgt Ion: 82 Resp: 236606
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#31
Naphthalene
Concen: 5.454 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.018 min
Lab File: BF136873.D
Acq: 02 Jan 2024 16:07

Tgt Ion: 128 Resp: 59600
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.2 10.8 16.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF136873.D

Acq: 02 Jan 2024 16:07

Instrument :

BNA_F

ClientSampleId :

T-703

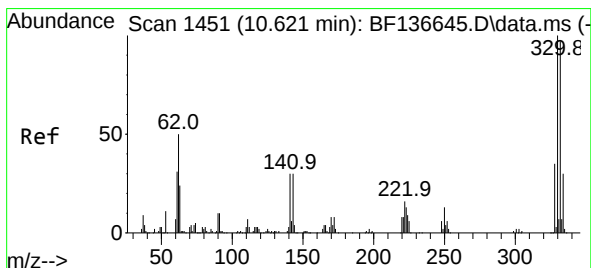
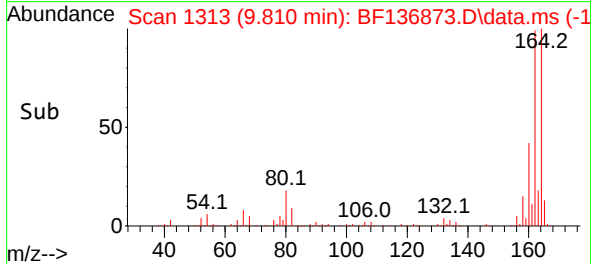
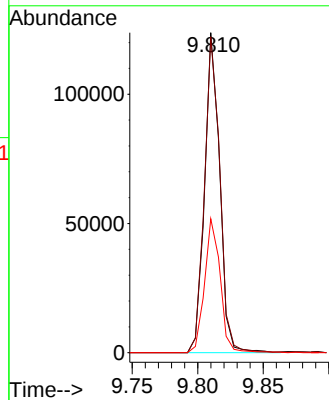
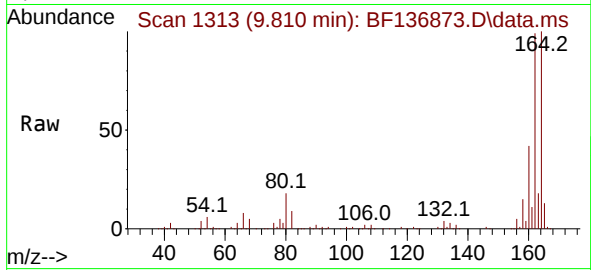
Tgt Ion:164 Resp: 99378

Ion Ratio Lower Upper

164 100

162 98.8 81.6 122.4

160 41.8 34.9 52.3



#42

2,4,6-Tribromophenol

Concen: 98.140 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.018 min

Lab File: BF136873.D

Acq: 02 Jan 2024 16:07

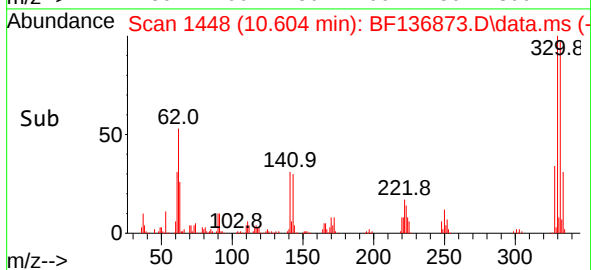
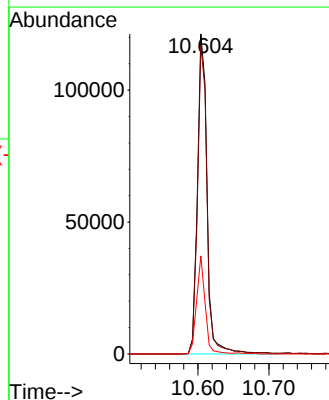
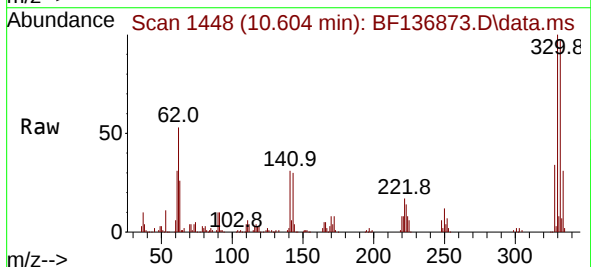
Tgt Ion:330 Resp: 114863

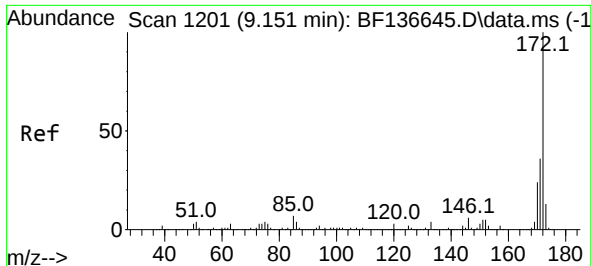
Ion Ratio Lower Upper

330 100

332 95.4 77.4 116.0

141 27.6 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 66.021 ng

RT: 9.133 min Scan# 1118

Delta R.T. -0.018 min

Lab File: BF136873.D

Acq: 02 Jan 2024 16:07

Instrument :

BNA_F

ClientSampleId :

T-703

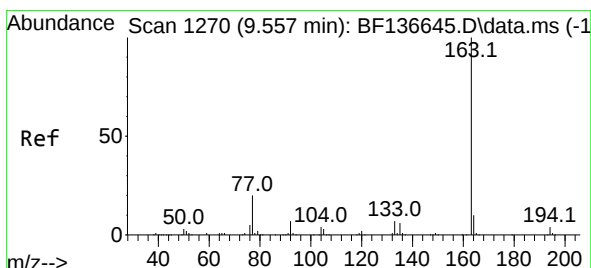
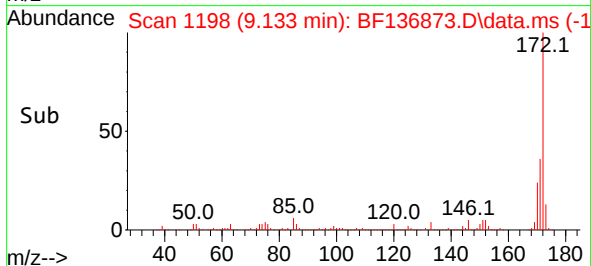
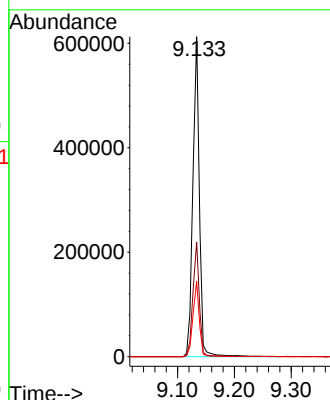
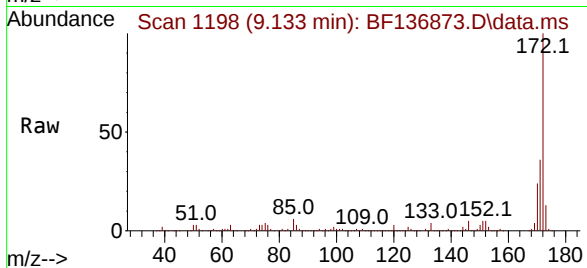
Tgt Ion:172 Resp: 487818

Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.6

170 23.5 19.0 28.4



#50

Dimethylphthalate

Concen: 2.525 ng

RT: 9.810 min Scan# 1313

Delta R.T. 0.253 min

Lab File: BF136873.D

Acq: 02 Jan 2024 16:07

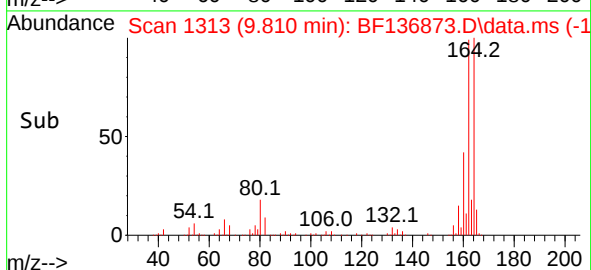
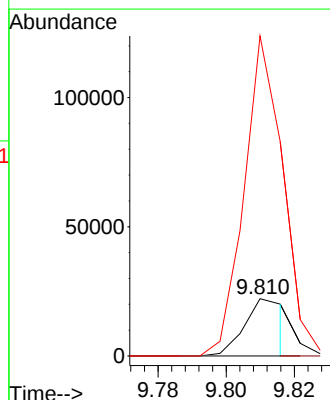
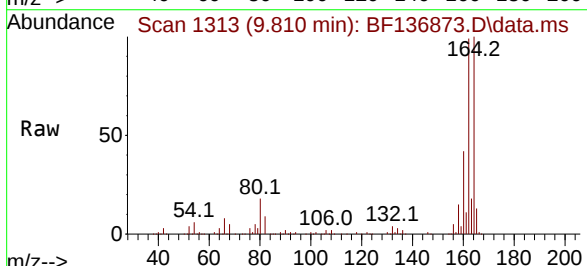
Tgt Ion:163 Resp: 18326

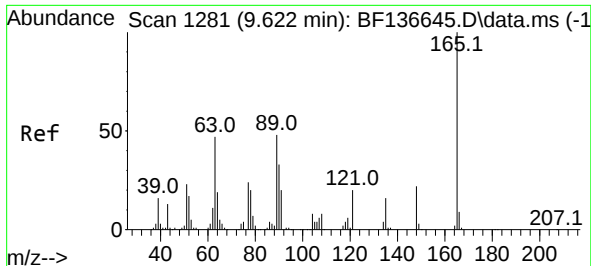
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 558.4 7.8 11.6#

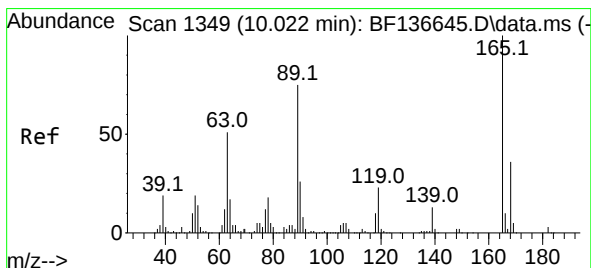
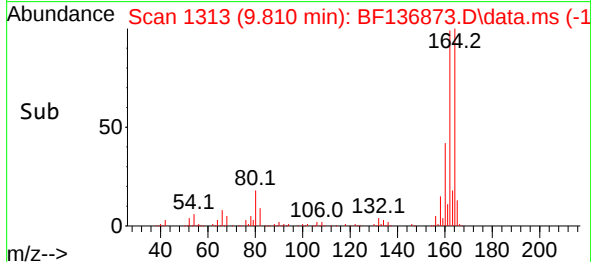
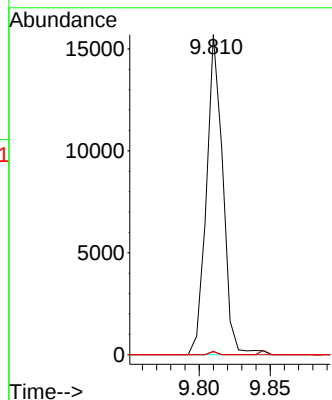
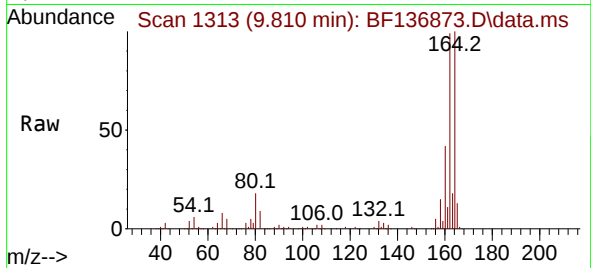




#51
2,6-Dinitrotoluene
Concen: 7.647 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF136873.D
Acq: 02 Jan 2024 16:07

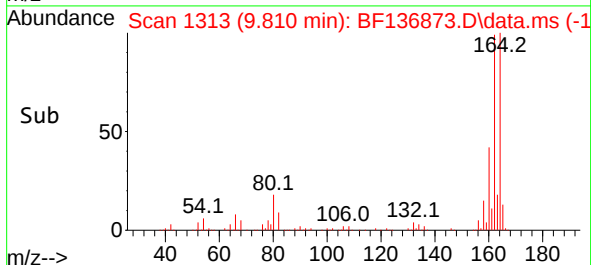
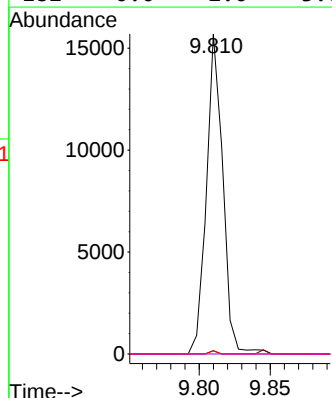
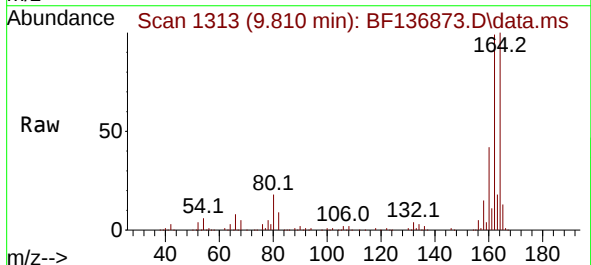
Instrument :
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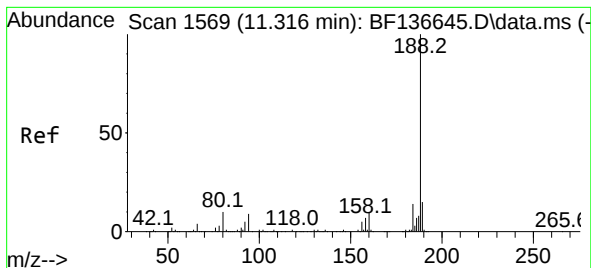
Tgt Ion:165 Resp: 12597
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.0 38.8 58.2#



#57
2,4-Dinitrotoluene
Concen: 5.890 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.212 min
Lab File: BF136873.D
Acq: 02 Jan 2024 16:07

Tgt Ion:165 Resp: 12597
Ion Ratio Lower Upper
165 100
63 1.0 41.0 61.6#
89 1.0 59.9 89.9#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136873.D

Acq: 02 Jan 2024 16:07

Instrument :

BNA_F

ClientSampleId :

T-703

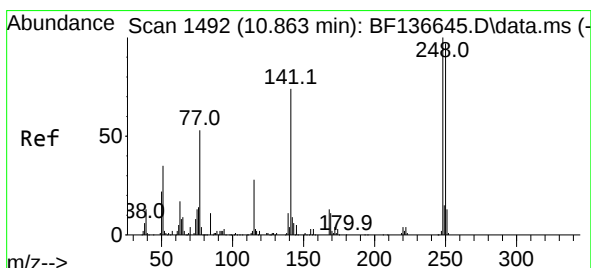
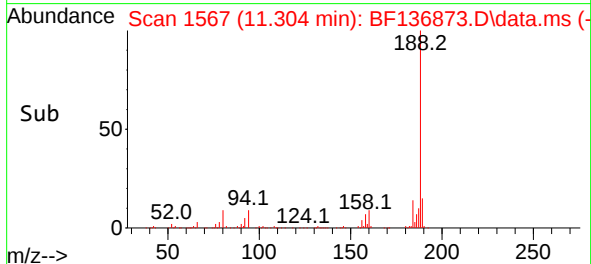
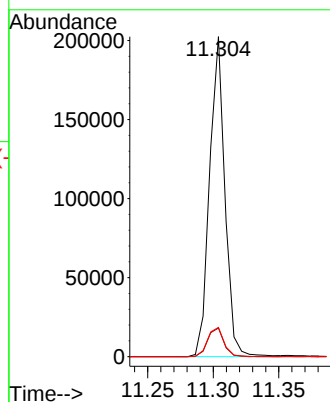
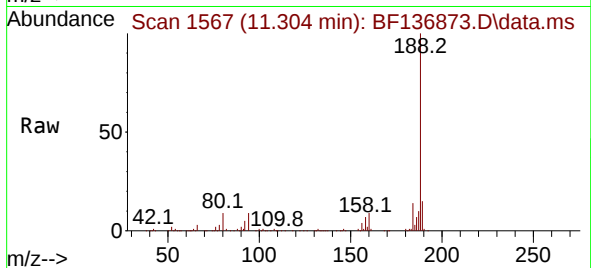
Tgt Ion:188 Resp: 165256

Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

80 9.2 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 3.747 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.259 min

Lab File: BF136873.D

Acq: 02 Jan 2024 16:07

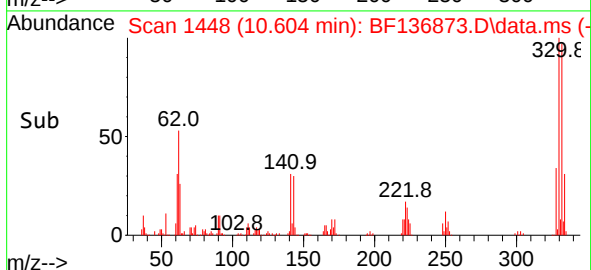
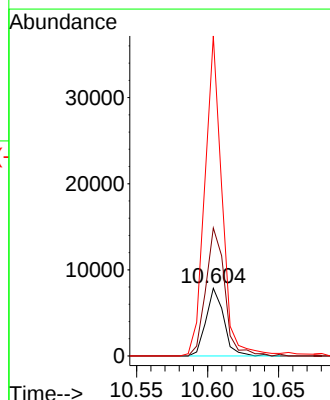
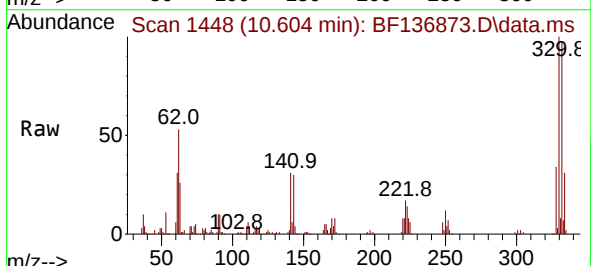
Tgt Ion:248 Resp: 6877

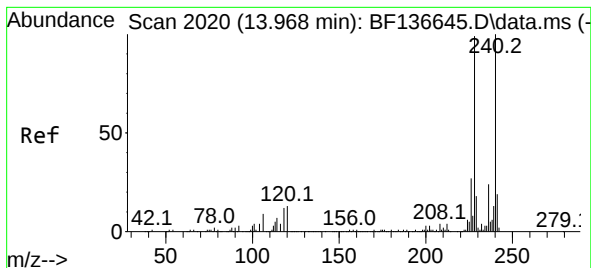
Ion Ratio Lower Upper

248 100

250 188.9 77.8 116.6#

141 472.3 59.2 88.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF136873.D

Acq: 02 Jan 2024 16:07

Instrument :

BNA_F

ClientSampleId :

T-703

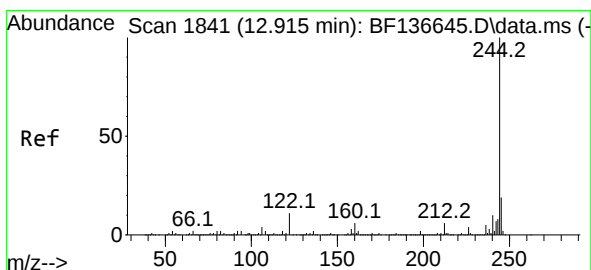
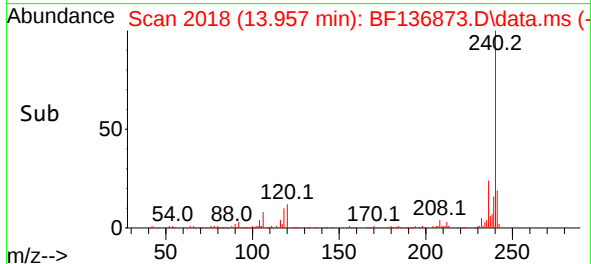
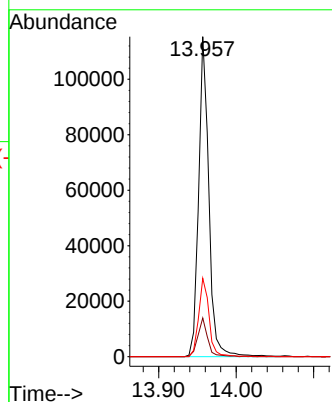
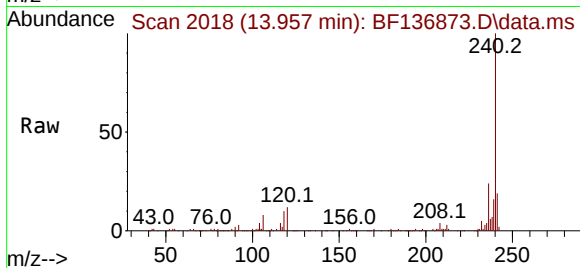
Tgt Ion:240 Resp: 105397

Ion Ratio Lower Upper

240 100

120 12.1 10.3 15.5

236 24.5 19.4 29.2



#79

Terphenyl-d14

Concen: 67.231 ng

RT: 12.898 min Scan# 1838

Delta R.T. -0.018 min

Lab File: BF136873.D

Acq: 02 Jan 2024 16:07

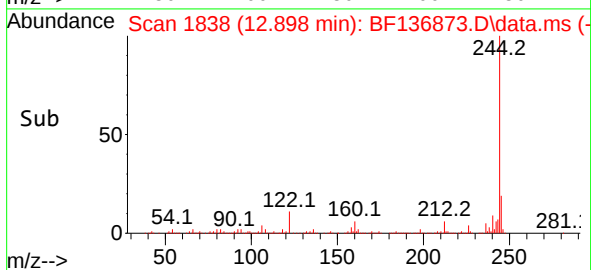
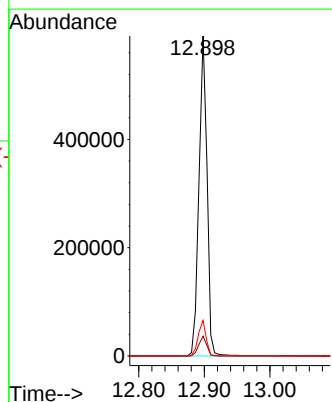
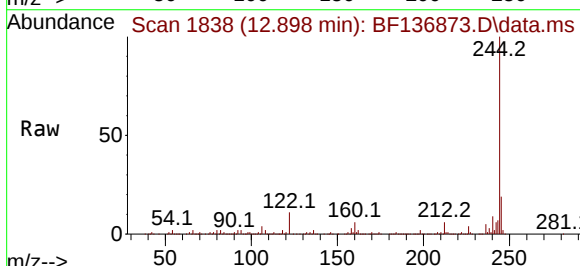
Tgt Ion:244 Resp: 507054

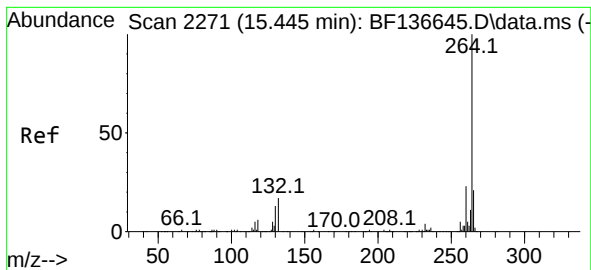
Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.4

122 11.1 9.0 13.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136873.D

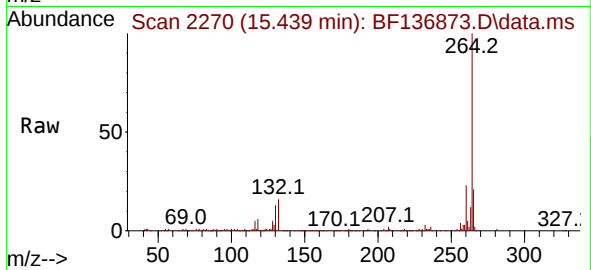
Acq: 02 Jan 2024 16:07

Instrument :

BNA_F

ClientSampleId :

T-703



Tgt Ion:264 Resp: 135451

Ion Ratio Lower Upper

264 100

260 22.7 18.3 27.5

265 21.4 17.0 25.6

