

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080324\
 Data File : BF138779.D
 Acq On : 03 Aug 2024 19:53
 Operator : RC/JU
 Sample : P3448-19
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EVERGREEN-CONC

Quant Time: Aug 05 00:54:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

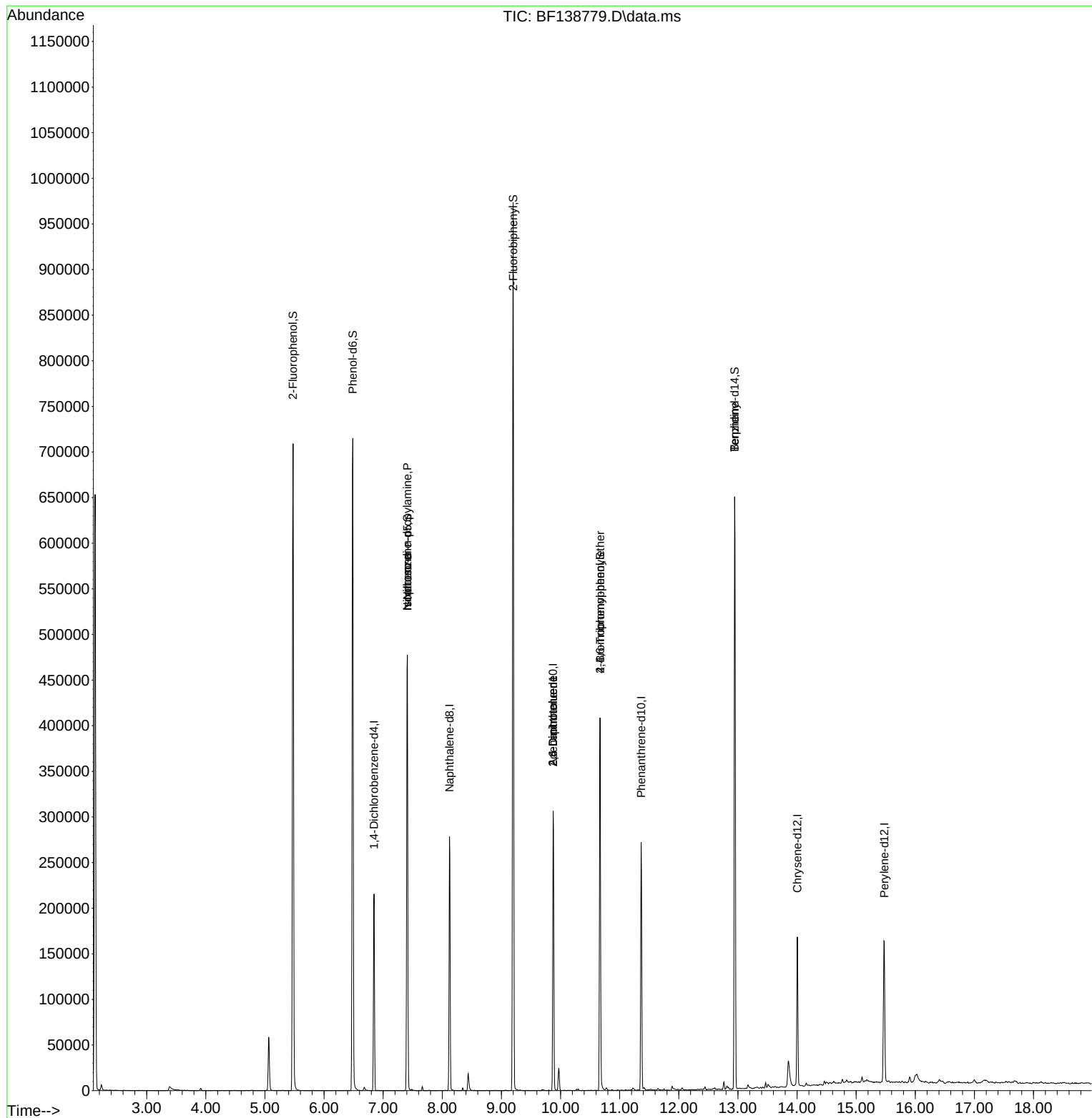
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	41566	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	169574	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	88970	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	141713	20.000	ng	0.00
76) Chrysene-d12	14.004	240	75718	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	91777	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	238499	88.572	ng	0.00
7) Phenol-d6	6.487	99	323109	89.374	ng	0.00
23) Nitrobenzene-d5	7.410	82	208396	60.084	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	61705	84.668	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	401318	67.773	ng	0.00
79) Terphenyl-d14	12.945	244	310508	68.659	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	29226	13.385	ng	# 72
25) Isophorone	7.410	82	208394	35.187	ng	# 66
51) 2,6-Dinitrotoluene	9.875	165	11125	8.665	ng	# 19
57) 2,4-Dinitrotoluene	9.875	165	11125	6.792	ng	# 16
67) 4-Bromophenyl-phenylether	10.669	248	4457	2.905	ng	# 1
77) Benzidine	12.945	184	4568	2.522	ng	# 93

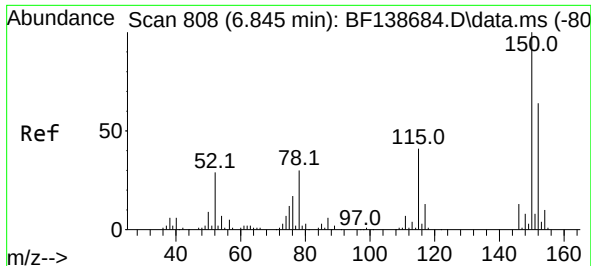
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080324\
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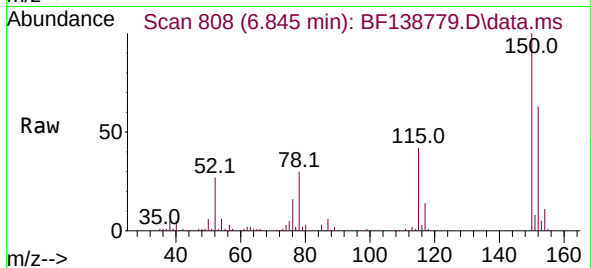
Quant Time: Aug 05 00:54:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
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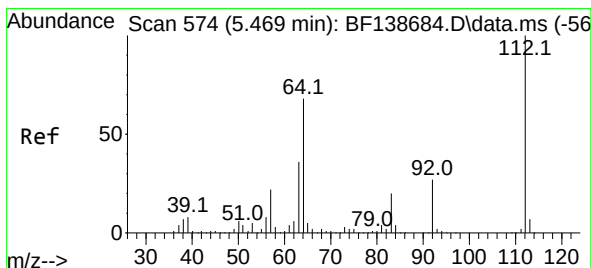
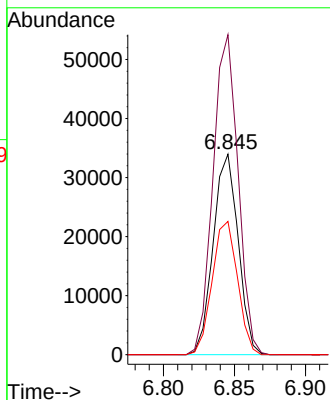
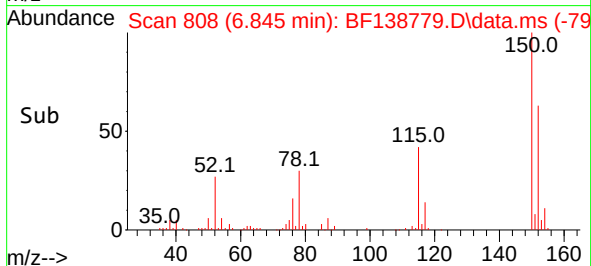


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF138779.D
Acq: 03 Aug 2024 19:53

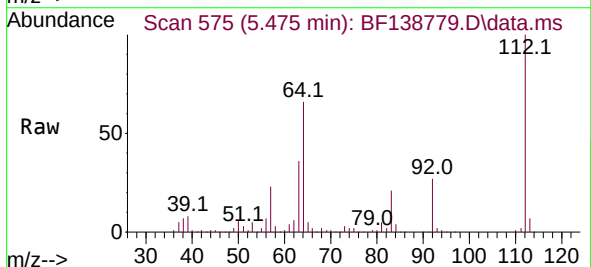
Instrument :
BNA_F
ClientSampleId :
EVERGREEN-CONC



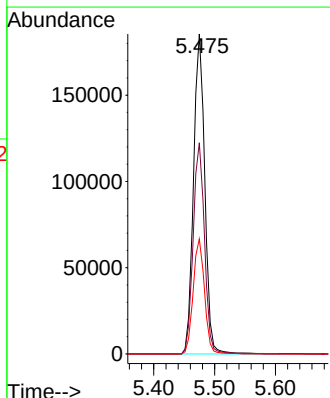
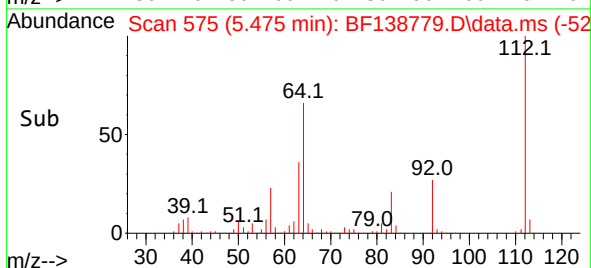
Tgt Ion:152 Resp: 41566
Ion Ratio Lower Upper
152 100
150 159.7 126.0 189.0
115 66.5 51.7 77.5

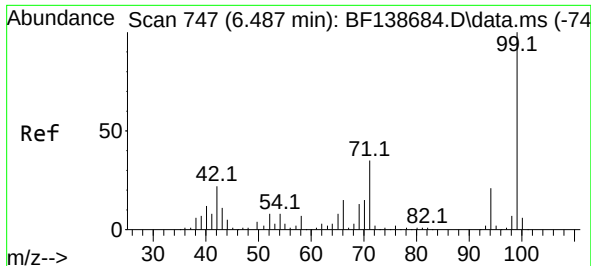


#5
2-Fluorophenol
Concen: 88.572 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF138779.D
Acq: 03 Aug 2024 19:53



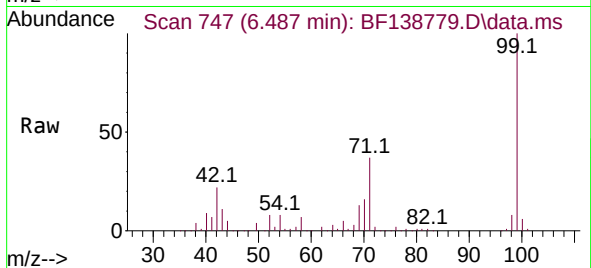
Tgt Ion:112 Resp: 238499
Ion Ratio Lower Upper
112 100
64 66.0 54.2 81.4
63 35.9 28.7 43.1



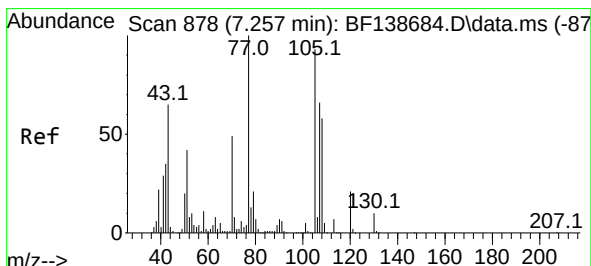
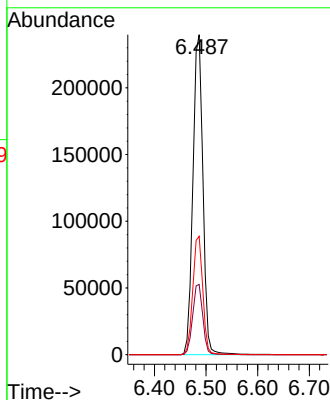
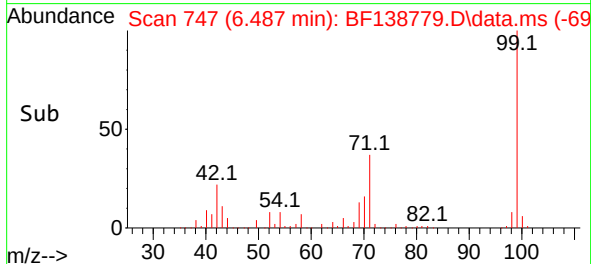


#7
Phenol-d6
Concen: 89.374 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF138779.D
Acq: 03 Aug 2024 19:53

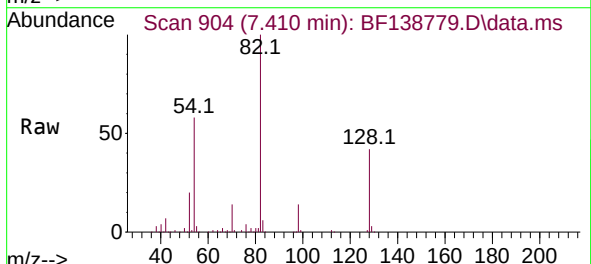
Instrument :
BNA_F
ClientSampleId :
EVERGREEN-CONC



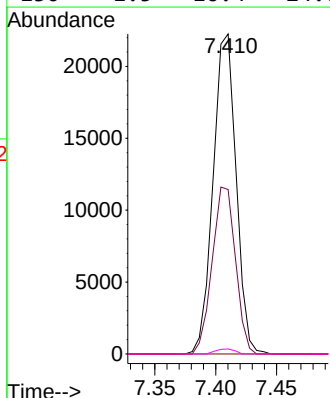
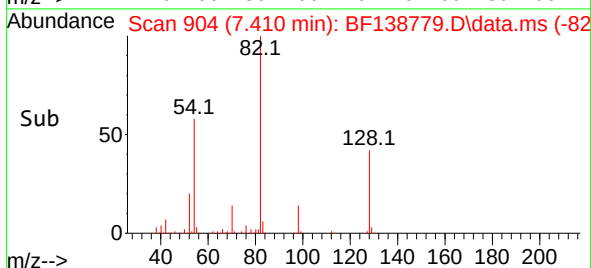
Tgt Ion: 99 Resp: 323109
Ion Ratio Lower Upper
99 100
42 21.9 17.4 26.0
71 37.0 28.1 42.1

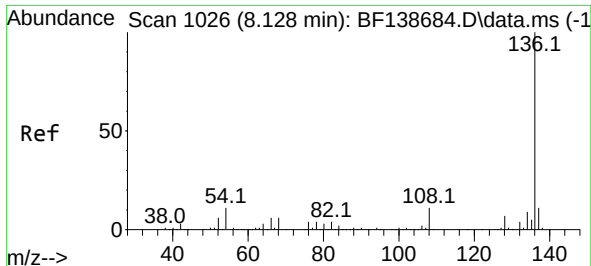


#19
n-Nitroso-di-n-propylamine
Concen: 13.385 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.153 min
Lab File: BF138779.D
Acq: 03 Aug 2024 19:53



Tgt Ion: 70 Resp: 29226
Ion Ratio Lower Upper
70 100
42 51.4 57.4 86.0#
101 0.0 7.5 11.3#
130 1.5 16.4 24.6#



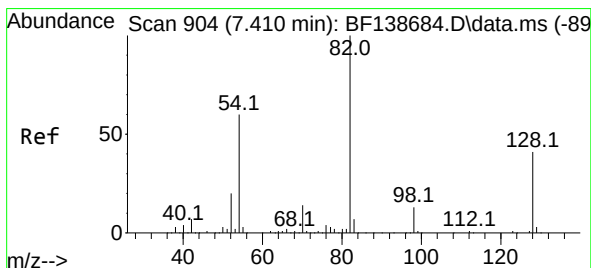
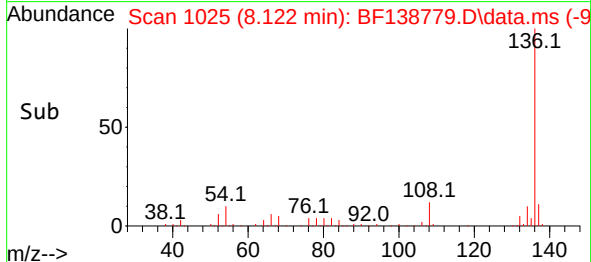
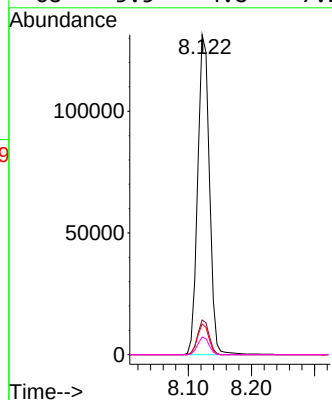
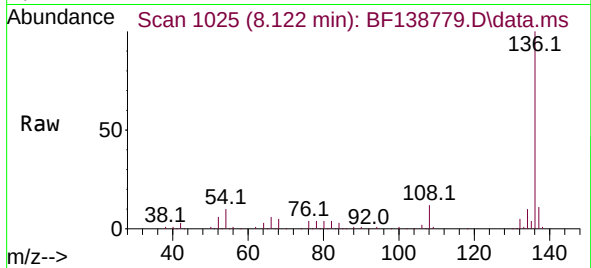


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF138779.D
Acq: 03 Aug 2024 19:53

Instrument :
BNA_F
ClientSampleId :
EVERGREEN-CONC

Tgt Ion:136 Resp: 169574

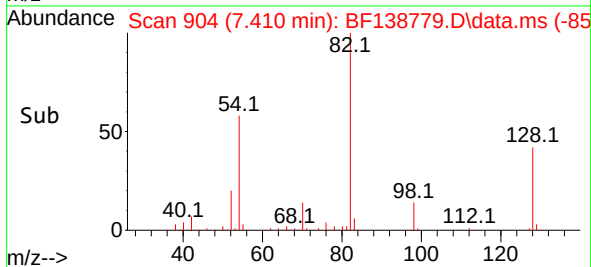
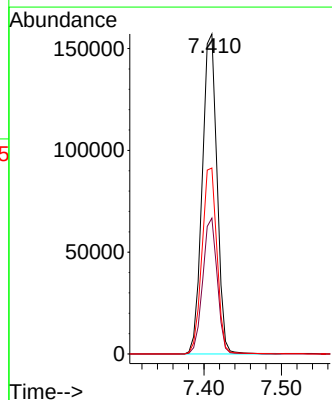
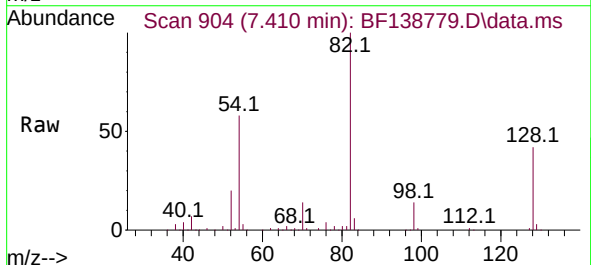
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.6	8.6	12.8
68	5.5	4.8	7.2

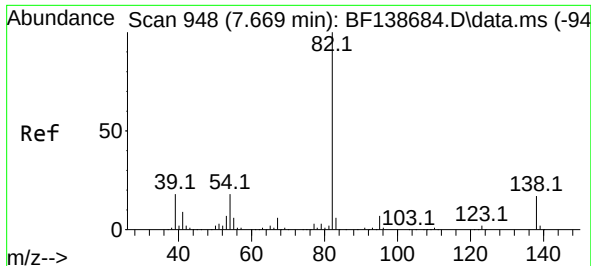


#23
Nitrobenzene-d5
Concen: 60.084 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF138779.D
Acq: 03 Aug 2024 19:53

Tgt Ion: 82 Resp: 208396

Ion	Ratio	Lower	Upper
82	100		
128	42.5	32.8	49.2
54	58.1	48.3	72.5

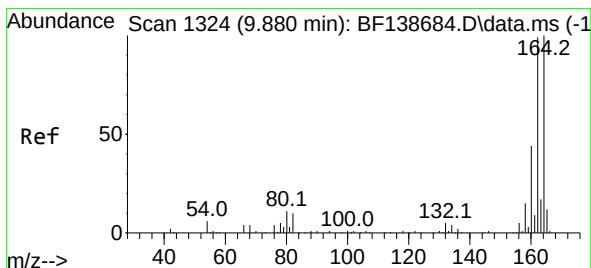
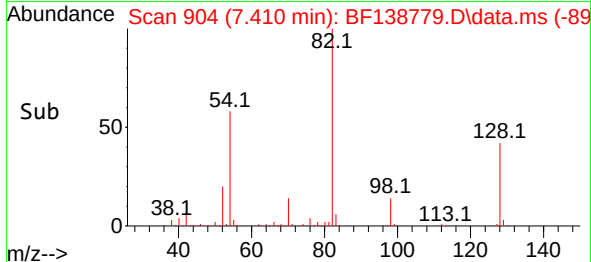
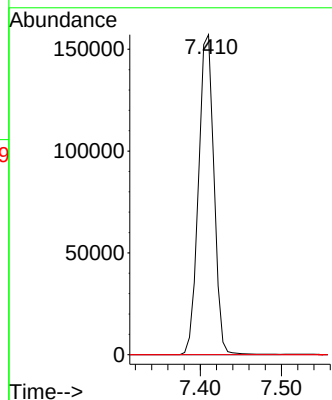
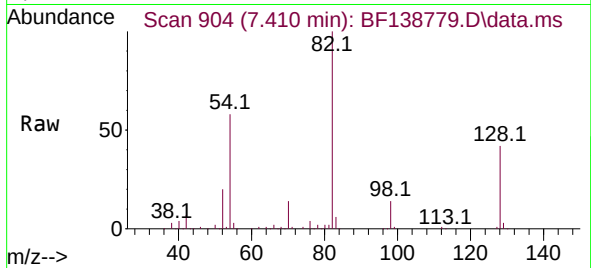




#25
Isophorone
Concen: 35.187 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF138779.D
Acq: 03 Aug 2024 19:53

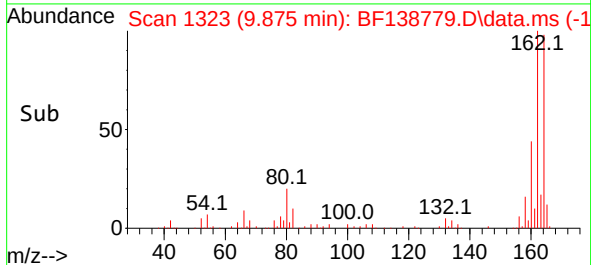
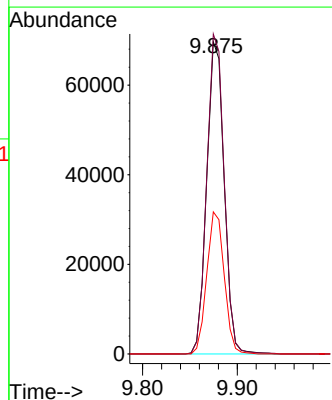
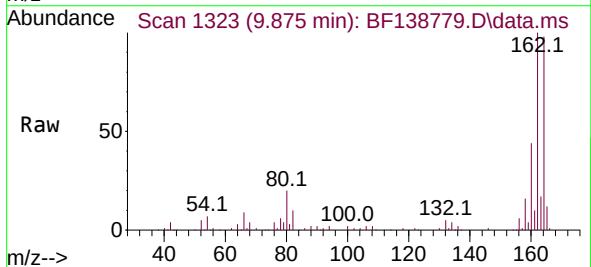
Instrument :
BNA_F
ClientSampleId :
EVERGREEN-CONC

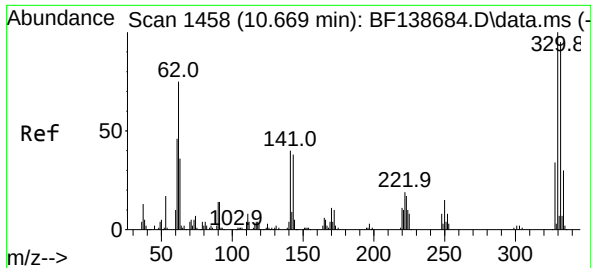
Tgt Ion: 82 Resp: 208394
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF138779.D
Acq: 03 Aug 2024 19:53

Tgt Ion:164 Resp: 88970
Ion Ratio Lower Upper
164 100
162 102.5 79.4 119.0
160 45.5 35.1 52.7

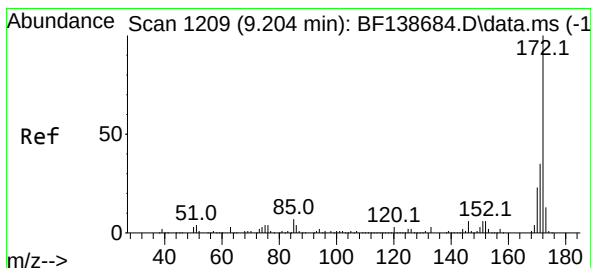
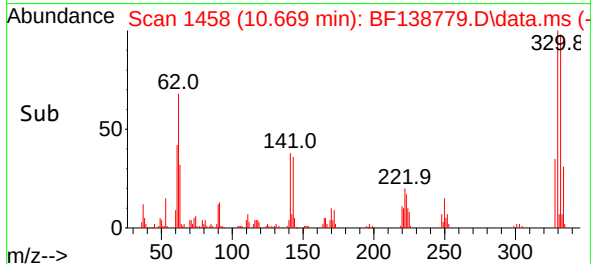
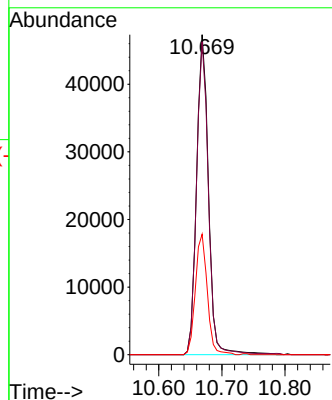
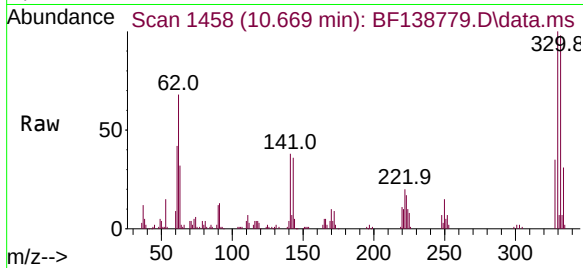




#42
2,4,6-Tribromophenol
Concen: 84.668 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138779.D
Acq: 03 Aug 2024 19:53

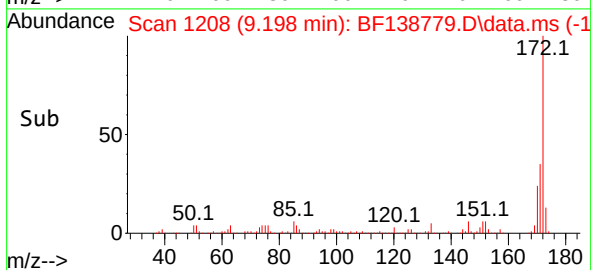
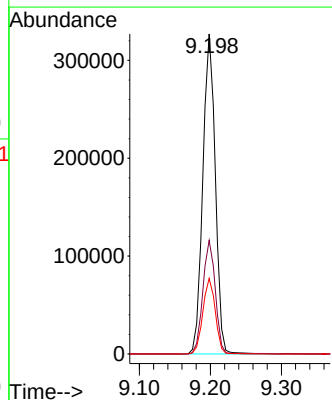
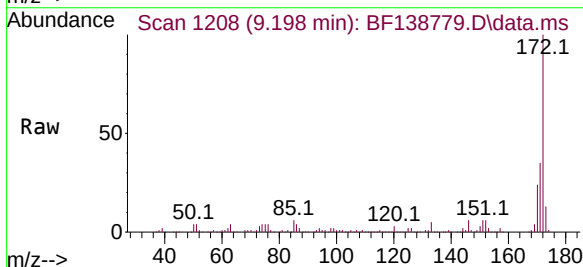
Instrument :
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ClientSampleId :
EVERGREEN-CONC

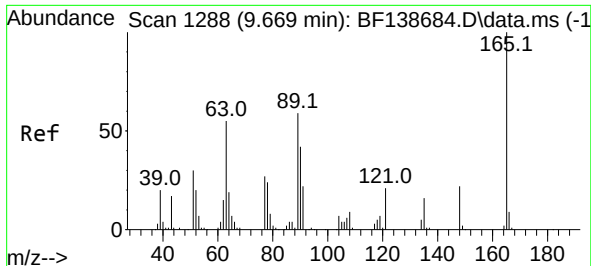
Tgt Ion: 330 Resp: 61705
Ion Ratio Lower Upper
330 100
332 97.5 76.4 114.6
141 37.7 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 67.773 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138779.D
Acq: 03 Aug 2024 19:53

Tgt Ion: 172 Resp: 401318
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.6 18.8 28.2

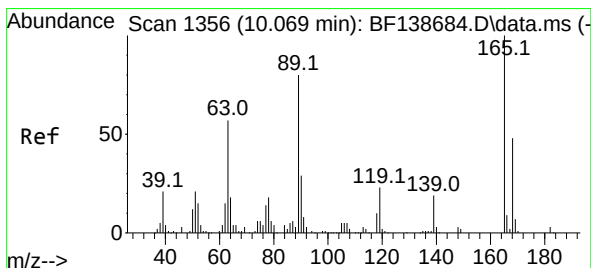
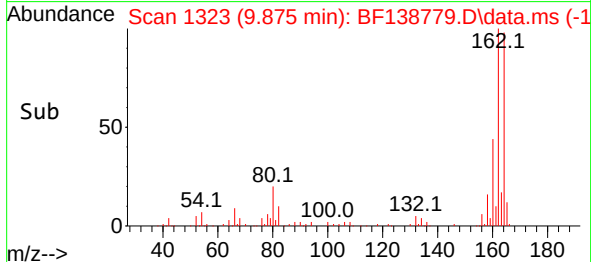
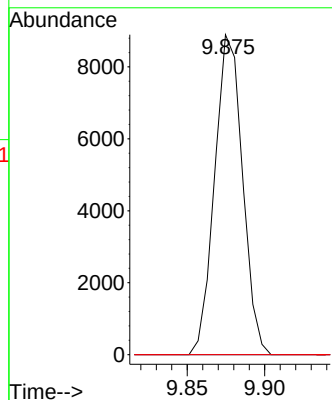
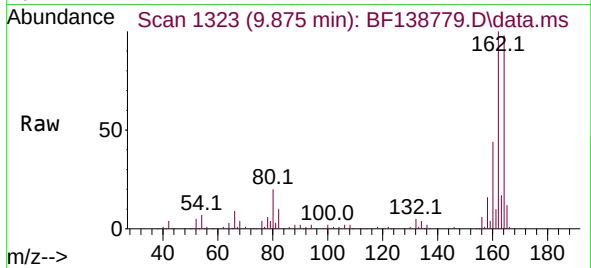




#51
2,6-Dinitrotoluene
Concen: 8.665 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138779.D
Acq: 03 Aug 2024 19:53

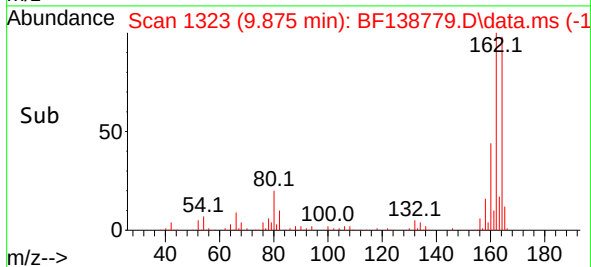
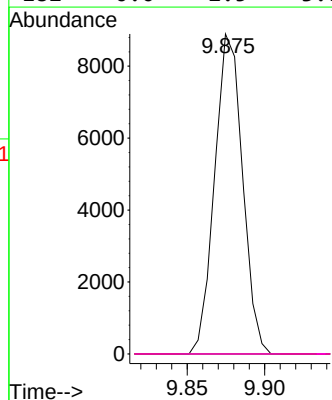
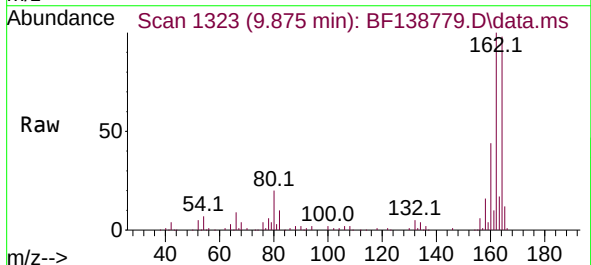
Instrument :
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EVERGREEN-CONC

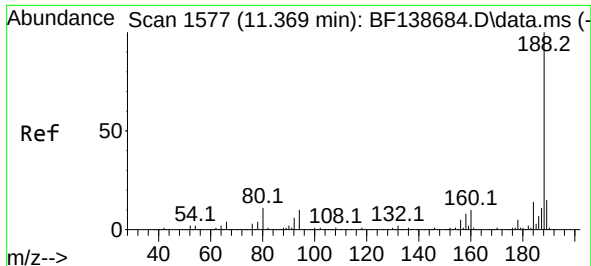
Tgt Ion:165 Resp: 11125
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.792 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF138779.D
Acq: 03 Aug 2024 19:53

Tgt Ion:165 Resp: 11125
Ion Ratio Lower Upper
165 100
63 0.0 46.3 69.5#
89 0.0 64.2 96.4#
182 0.0 2.5 3.7#

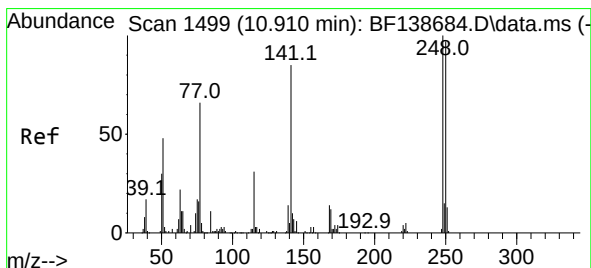
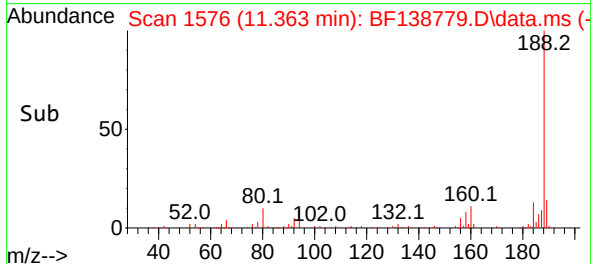
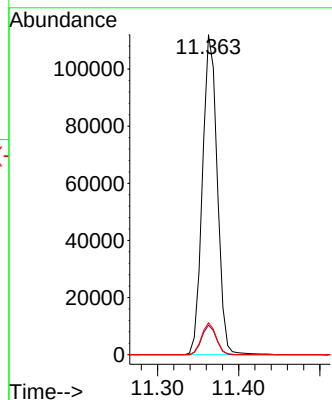
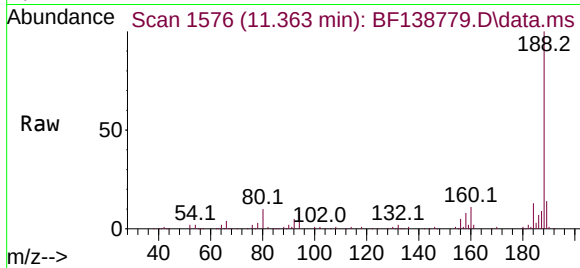




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138779.D
Acq: 03 Aug 2024 19:53

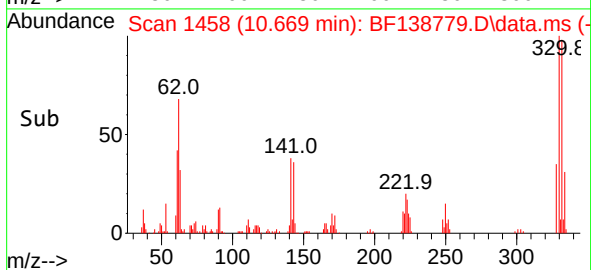
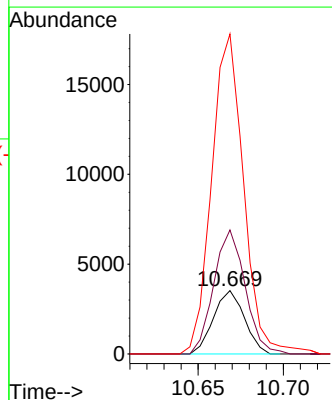
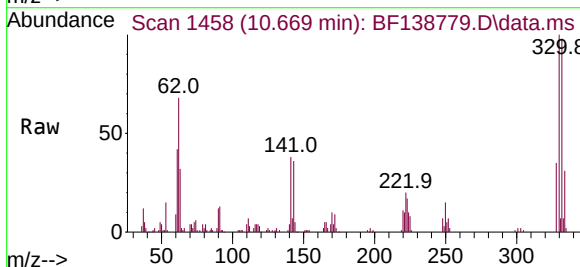
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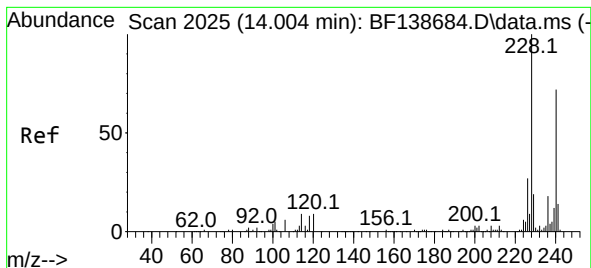
Tgt Ion:188 Resp: 141713
Ion Ratio Lower Upper
188 100
94 9.3 7.6 11.4
80 10.0 8.6 12.8



#67
4-Bromophenyl-phenylether
Concen: 2.905 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.241 min
Lab File: BF138779.D
Acq: 03 Aug 2024 19:53

Tgt Ion:248 Resp: 4457
Ion Ratio Lower Upper
248 100
250 195.7 77.7 116.5#
141 504.8 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF138779.D

Acq: 03 Aug 2024 19:53

Instrument :

BNA_F

ClientSampleId :

EVERGREEN-CONC

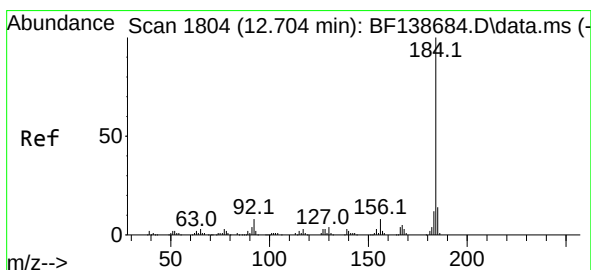
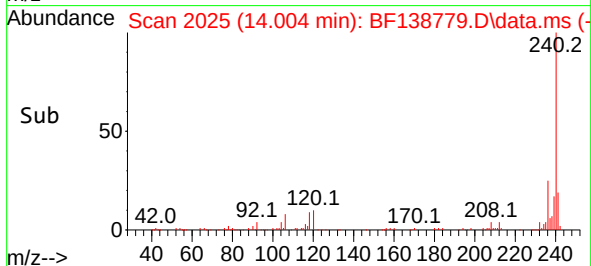
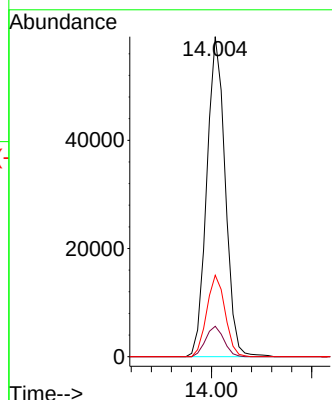
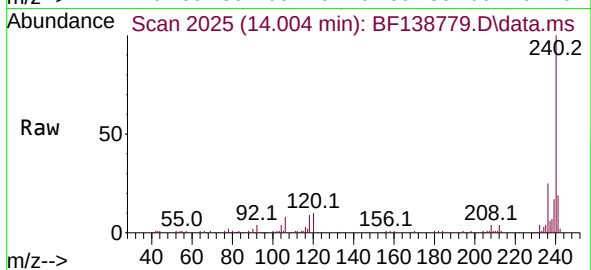
Tgt Ion:240 Resp: 75718

Ion Ratio Lower Upper

240 100

120 9.5 10.2 15.4#

236 25.4 19.8 29.8



#77

Benzidine

Concen: 2.522 ng

RT: 12.945 min Scan# 1845

Delta R.T. 0.241 min

Lab File: BF138779.D

Acq: 03 Aug 2024 19:53

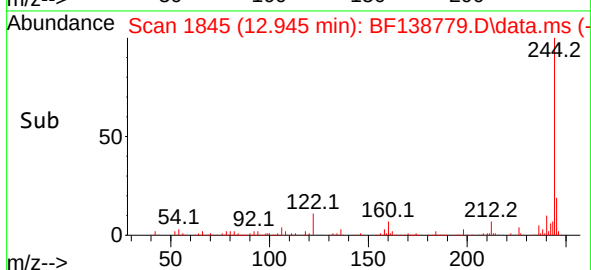
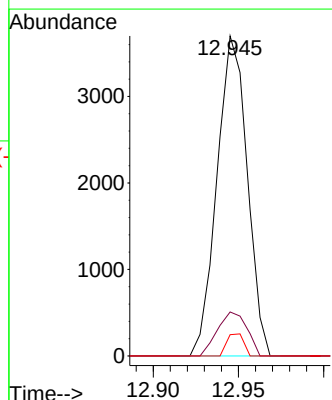
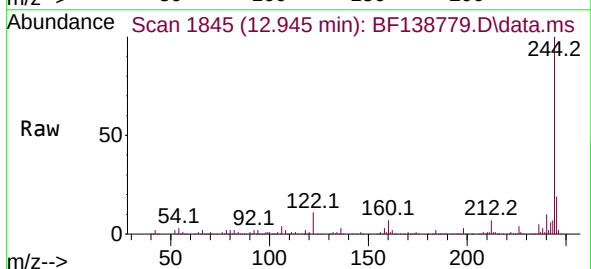
Tgt Ion:184 Resp: 4568

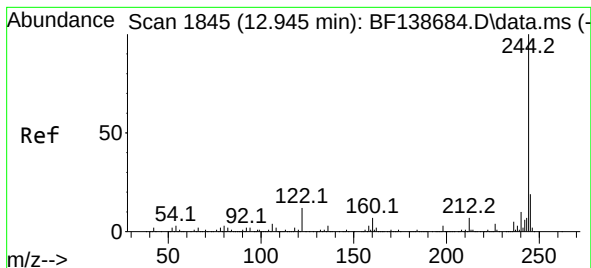
Ion Ratio Lower Upper

184 100

185 13.8 11.1 16.7

183 6.7 9.6 14.4#





#79

Terphenyl-d14

Concen: 68.659 ng

RT: 12.945 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138779.D

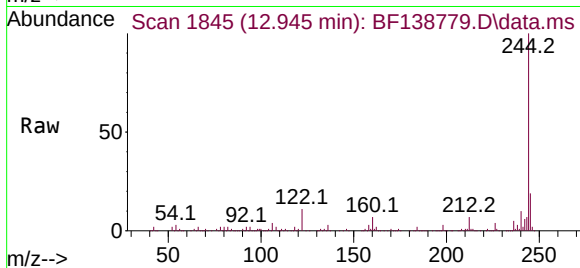
Acq: 03 Aug 2024 19:53

Instrument :

BNA_F

ClientSampleId :

EVERGREEN-CONC



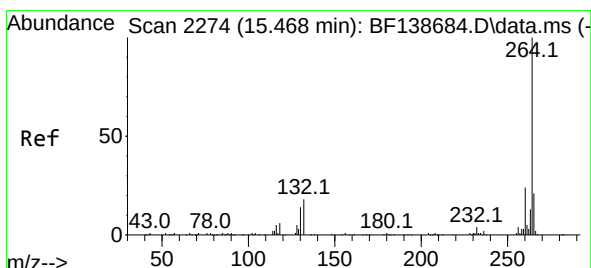
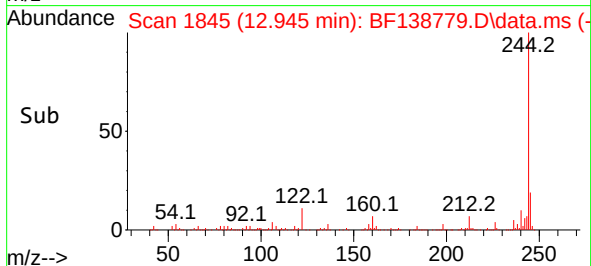
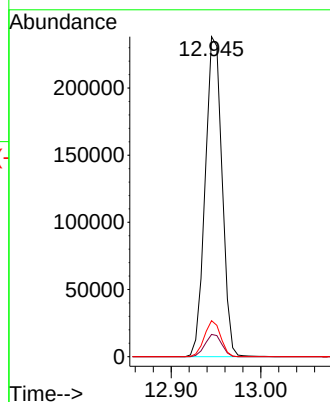
Tgt Ion:244 Resp: 310508

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 11.3 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 2275

Delta R.T. 0.006 min

Lab File: BF138779.D

Acq: 03 Aug 2024 19:53

Tgt Ion:264 Resp: 91777

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 21.7 17.0 25.6

