

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

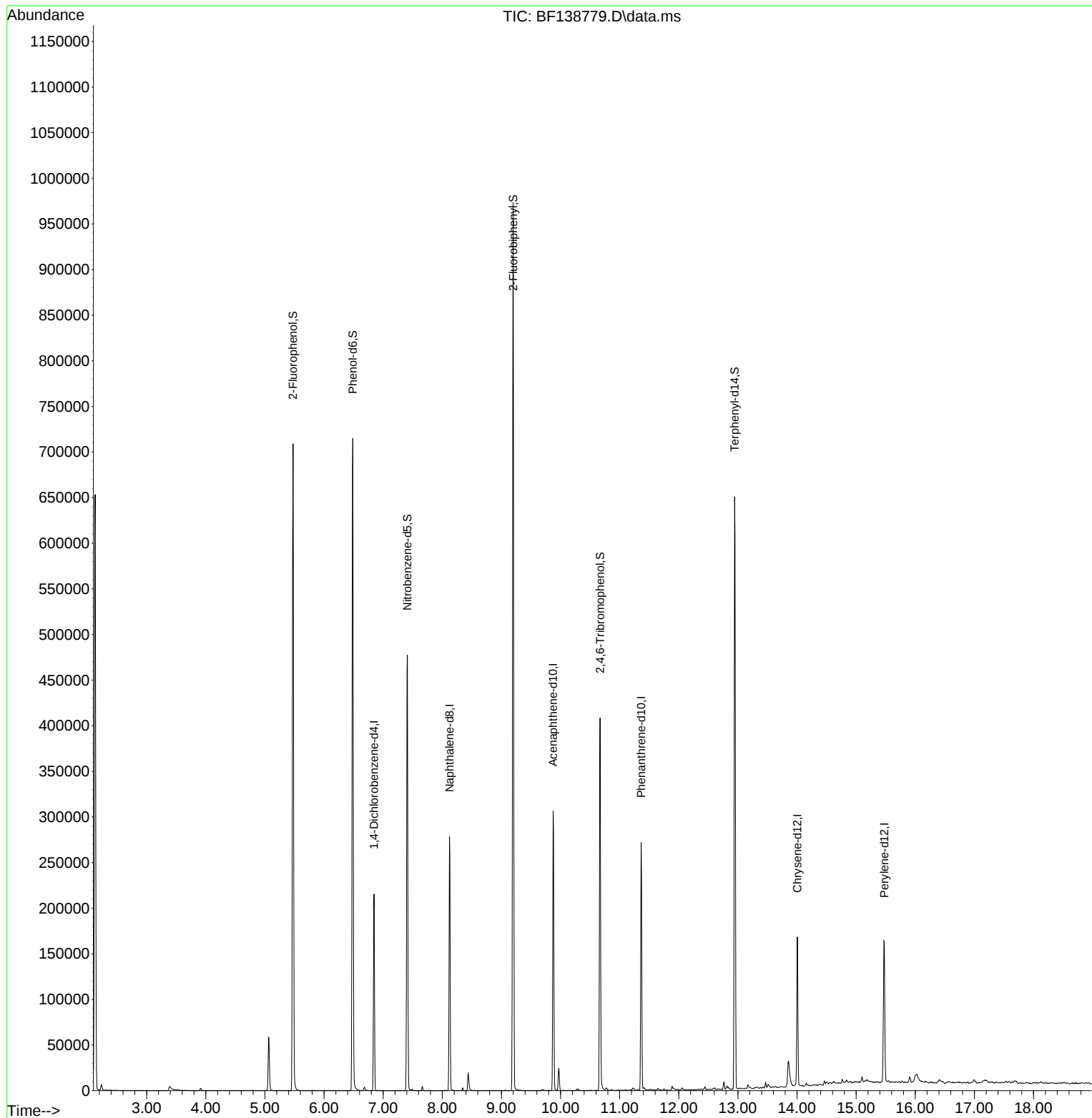
Target Compounds	Qvalue

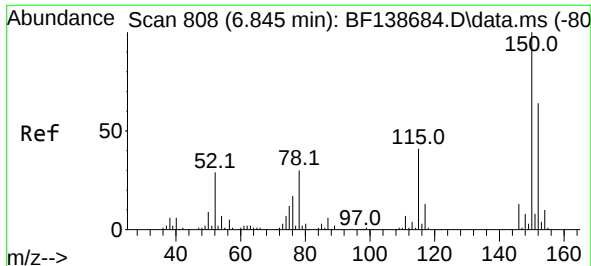
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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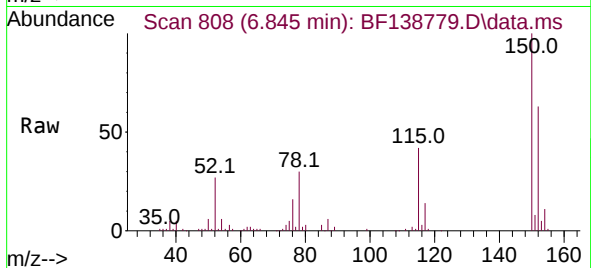
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration



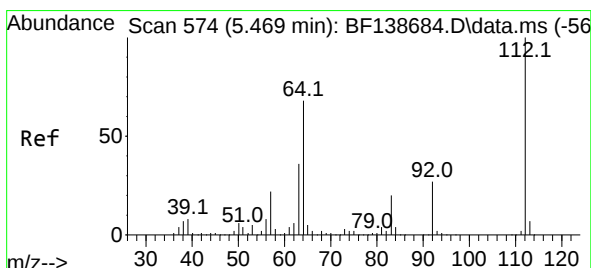
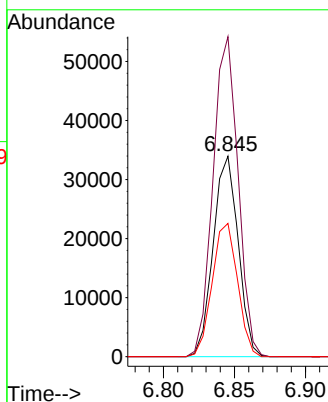
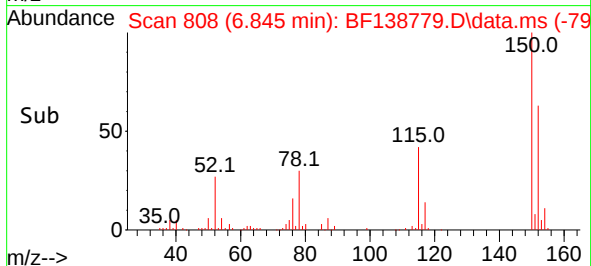


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF138779.D
Acq: 03 Aug 2024 19:53

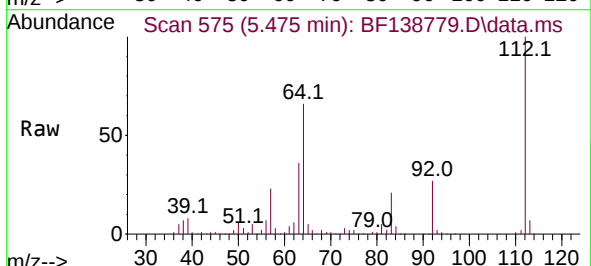
Instrument :
BNA_F
ClientSampleId :
EVERGREEN-CONC



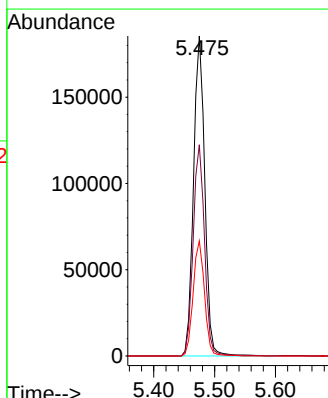
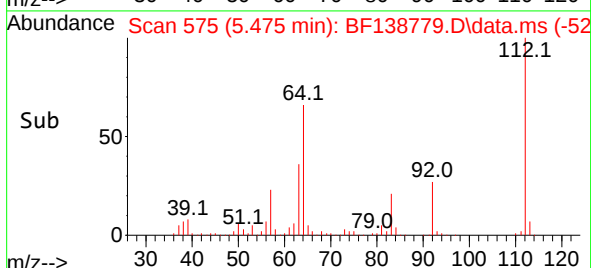
Tgt Ion:152 Resp: 41566
Ion Ratio Lower Upper
152 100
150 159.7 126.0 189.0
115 66.5 51.7 77.5

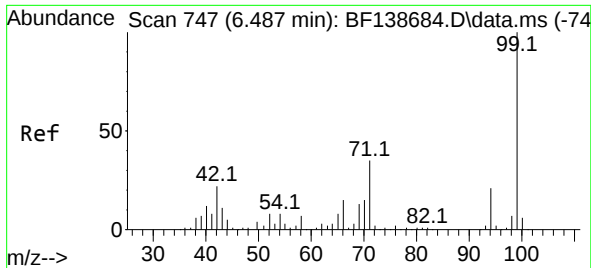


#5
2-Fluorophenol
Concen: 88.572 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF138779.D
Acq: 03 Aug 2024 19:53



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

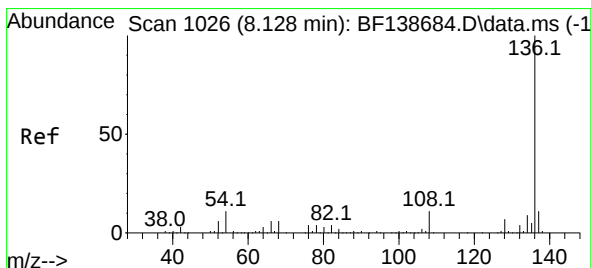
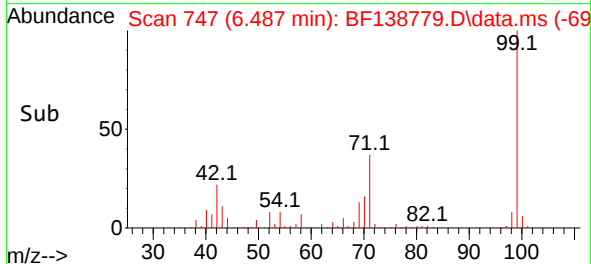
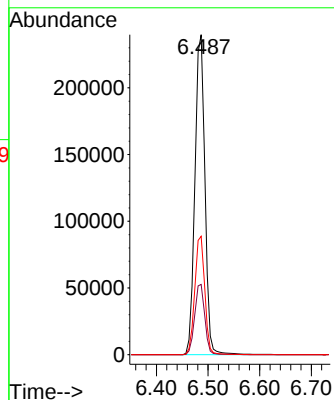
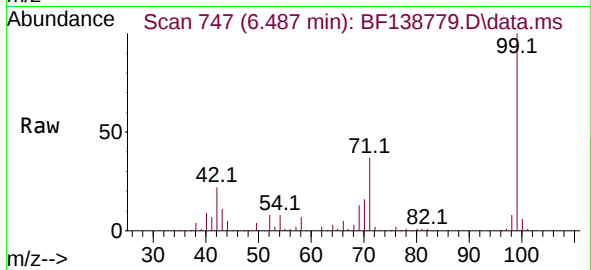




#7
Phenol-d6
Concen: 89.374 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF138779.D
Acq: 03 Aug 2024 19:53

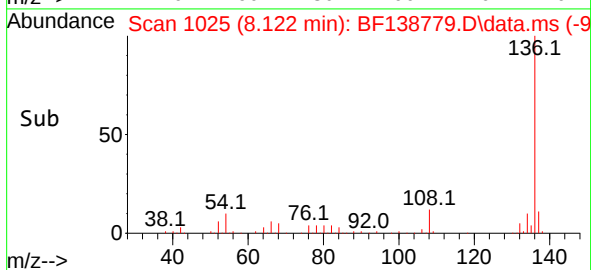
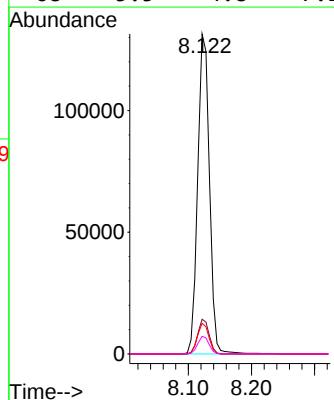
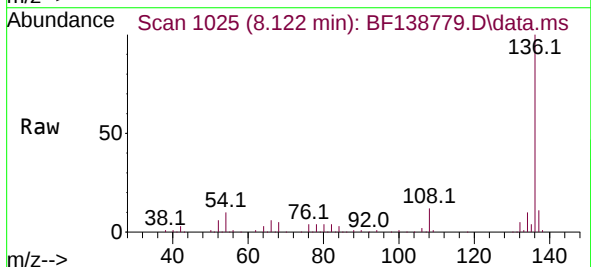
Instrument :
BNA_F
ClientSampleId :
EVERGREEN-CONC

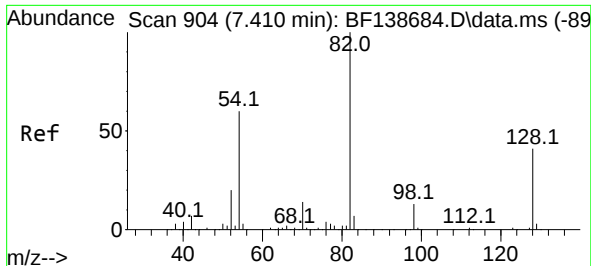
Tgt Ion: 99 Resp: 323109
Ion Ratio Lower Upper
99 100
42 21.9 17.4 26.0
71 37.0 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138779.D
Acq: 03 Aug 2024 19:53

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

Instrument :

BNA_F

ClientSampleId :

EVERGREEN-CONC

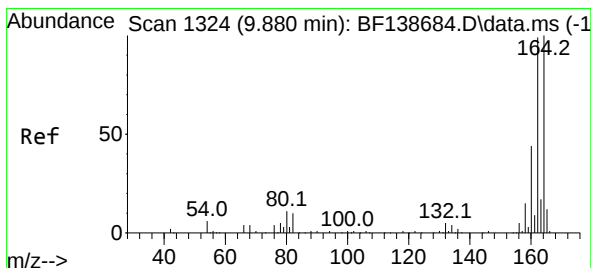
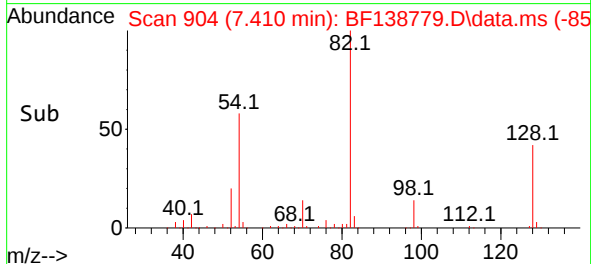
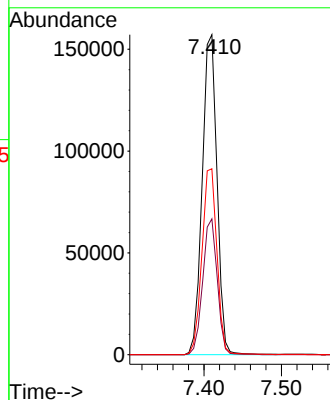
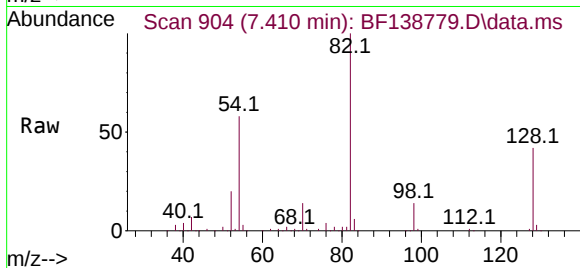
Tgt Ion: 82 Resp: 208396

Ion Ratio Lower Upper

82 100

128 42.5 32.8 49.2

54 58.1 48.3 72.5



#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

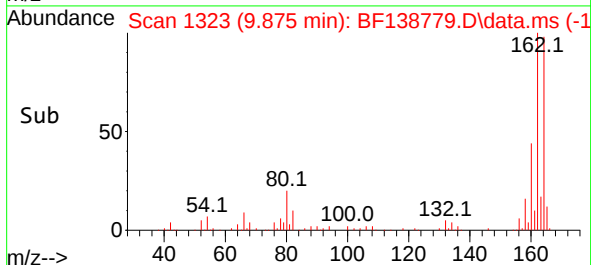
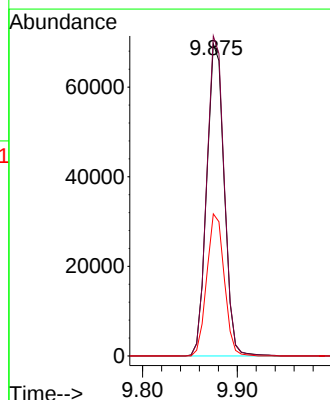
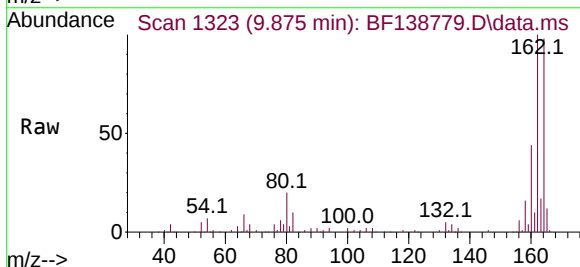
Tgt Ion:164 Resp: 88970

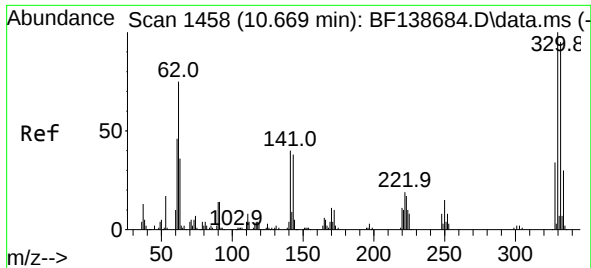
Ion Ratio Lower Upper

164 100

162 102.5 79.4 119.0

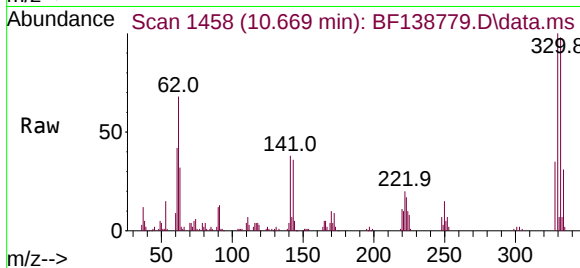
160 45.5 35.1 52.7



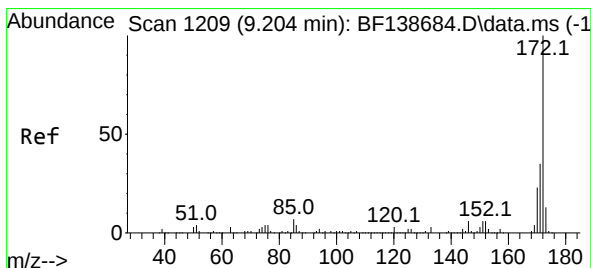
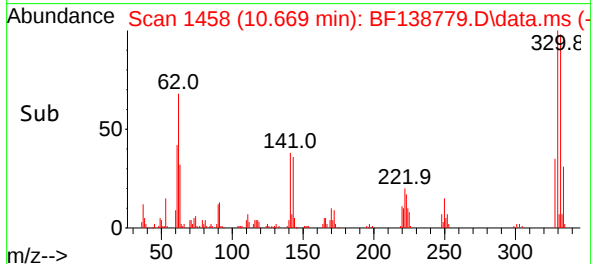
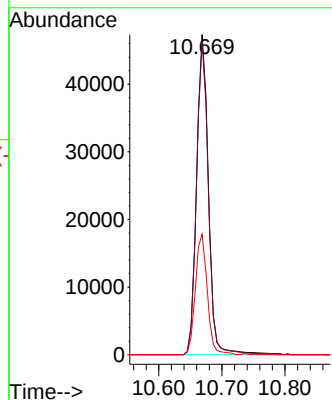


#42
2,4,6-Tribromophenol
Concen: 84.668 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138779.D
Acq: 03 Aug 2024 19:53

Instrument :
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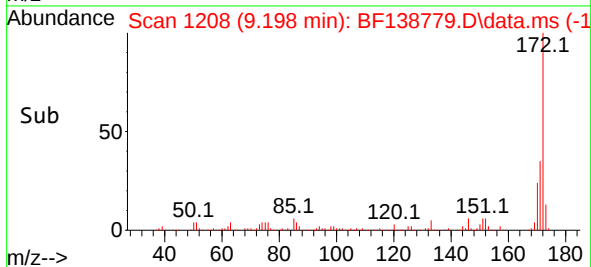
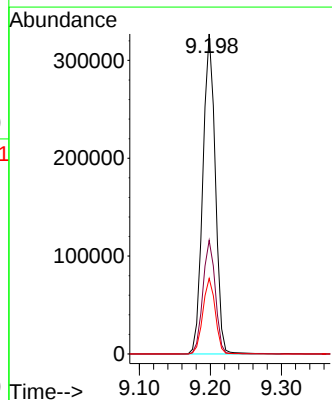
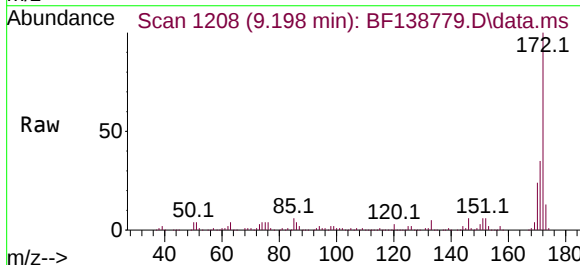


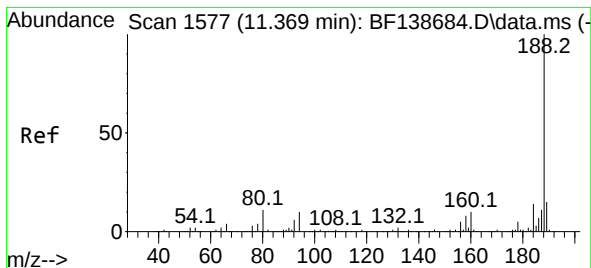
Tgt Ion:330 Resp: 61705
Ion Ratio Lower Upper
330 100
332 97.5 76.4 114.6
141 37.7 31.1 46.7



#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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138779.D

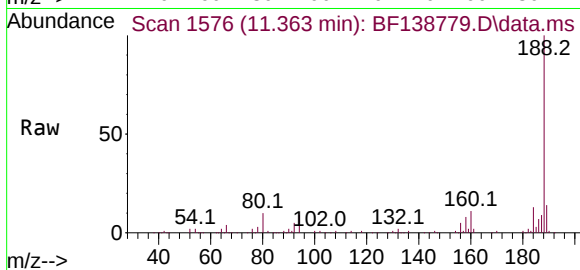
Acq: 03 Aug 2024 19:53

Instrument :

BNA_F

ClientSampleId :

EVERGREEN-CONC



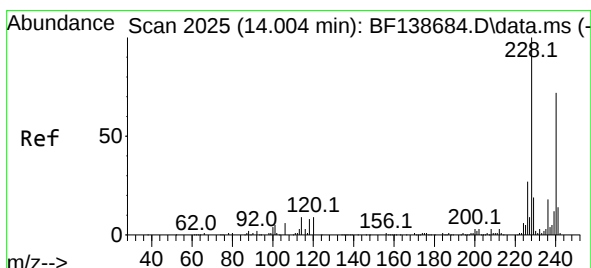
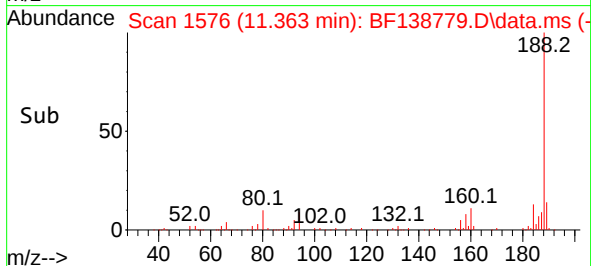
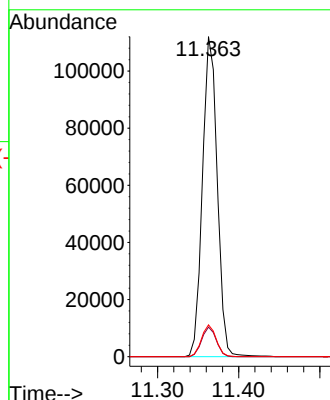
Tgt Ion:188 Resp: 141713

Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

80 10.0 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF138779.D

Acq: 03 Aug 2024 19:53

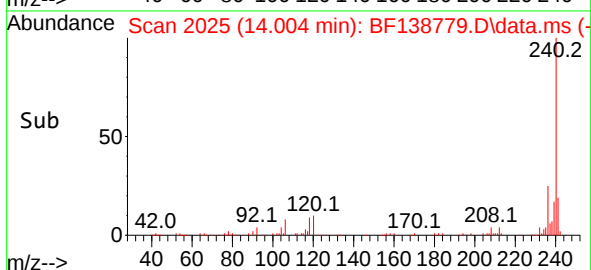
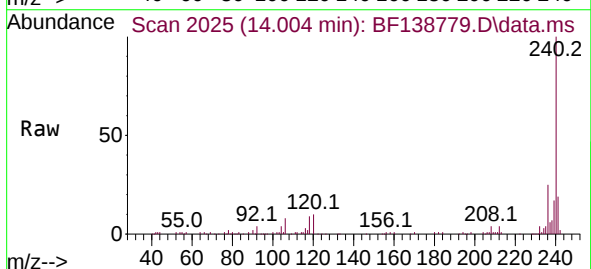
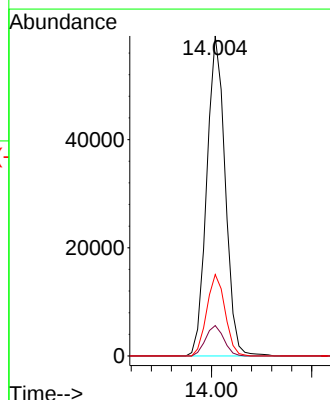
Tgt Ion:240 Resp: 75718

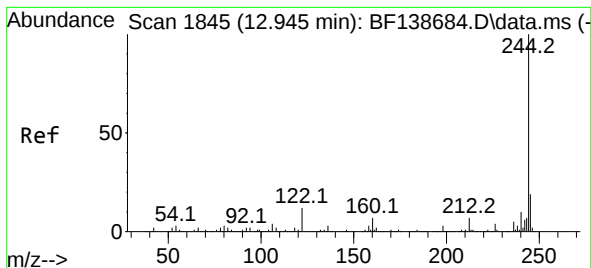
Ion Ratio Lower Upper

240 100

120 9.5 10.2 15.4#

236 25.4 19.8 29.8





#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

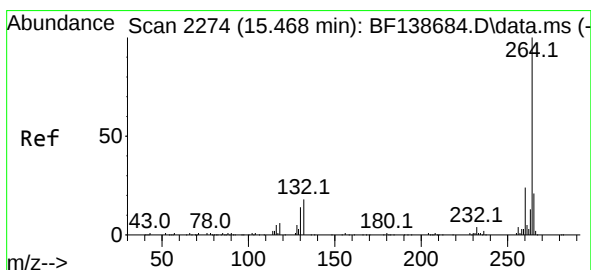
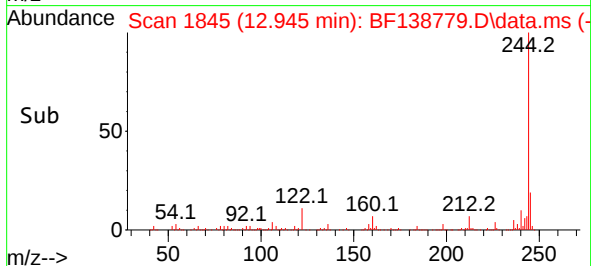
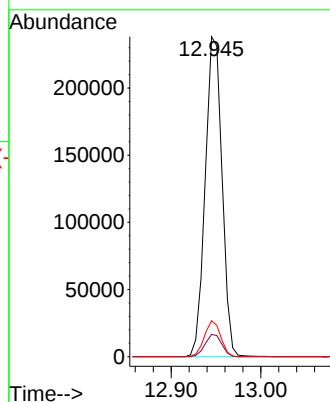
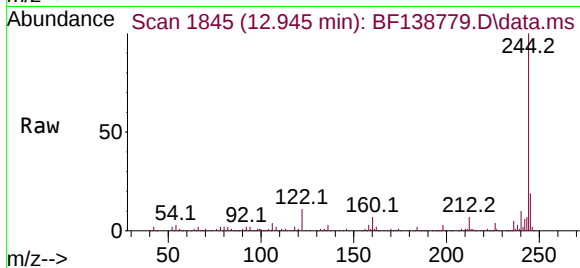
Tgt Ion:244 Resp: 310508

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

