

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082624\
 Data File : BN033624.D
 Acq On : 26 Aug 2024 16:20
 Operator : MA/JU
 Sample : P3706-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-10A-9.5-082024

Quant Time: Aug 26 17:12:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 00:22:18 2024
 Response via : Initial Calibration

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

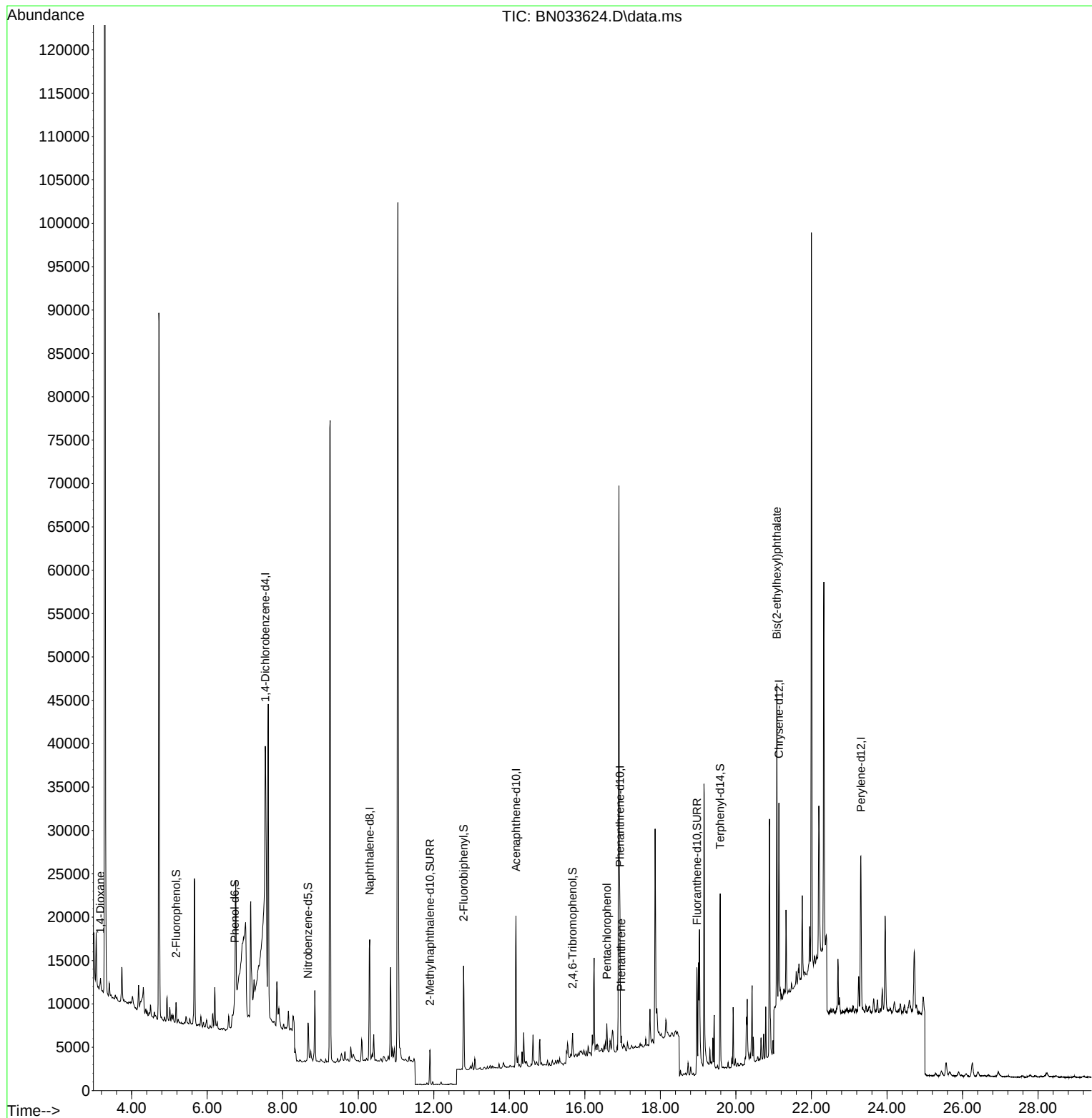
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.538	152	6632	0.400	ng	0.00
7) Naphthalene-d8	10.304	136	18507	0.400	ng	# 0.00
13) Acenaphthene-d10	14.178	164	9705	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	20610	0.400	ng	0.00
29) Chrysene-d12	21.139	240	19237	0.400	ng	0.00
35) Perylene-d12	23.309	264	21439	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.176	112	1711	0.081	ng	0.00
5) Phenol-d6	6.729	99	1424	0.057	ng	0.00
8) Nitrobenzene-d5	8.670	82	3372	0.220	ng	-0.01
11) 2-Methylnaphthalene-d10	11.899	152	5196	0.196	ng	0.00
14) 2,4,6-Tribromophenol	15.676	330	1474	0.283	ng	0.00
15) 2-Fluorobiphenyl	12.788	172	9749	0.246	ng	-0.01
27) Fluoranthene-d10	18.970	212	13163	0.266	ng	0.00
31) Terphenyl-d14	19.583	244	18366	0.420	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.175	88	1129	0.148	ng	# 77
24) Pentachlorophenol	16.582	266	1474	0.246	ng	97
25) Phenanthrene	16.966	178	1552	0.027	ng	95
34) Bis(2-ethylhexyl)phtha...	21.086	149	45888	1.042	ng	97

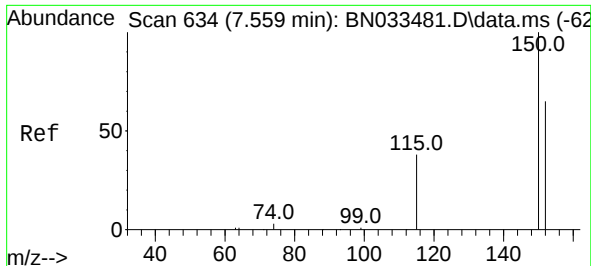
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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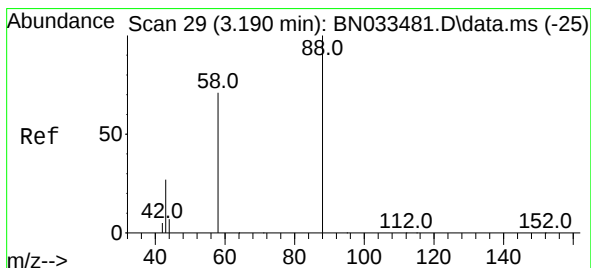
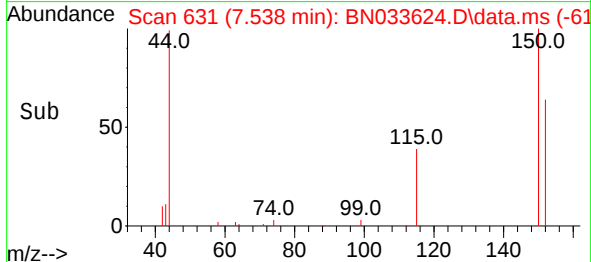
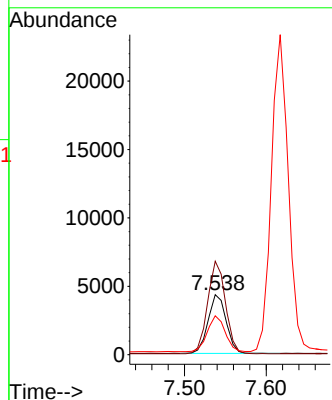
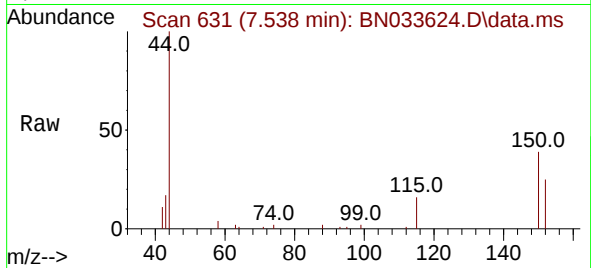




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.538 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN033624.D
 Acq: 26 Aug 2024 16:20

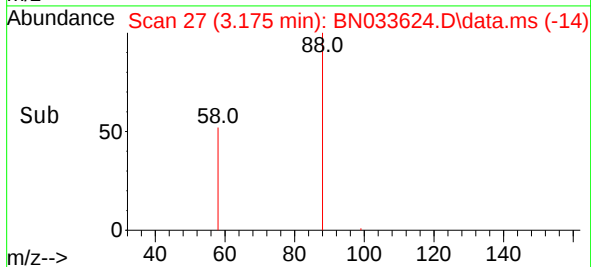
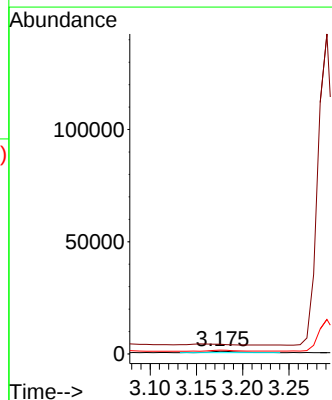
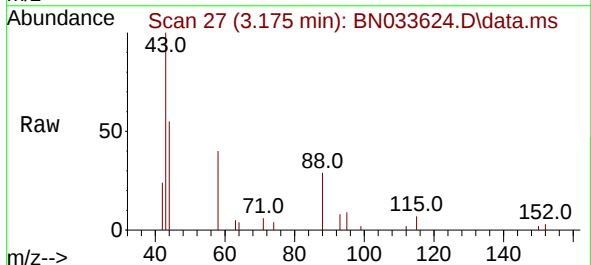
Instrument :
 BNA_N
 ClientSampleId :
 MW-10A-9.5-082024

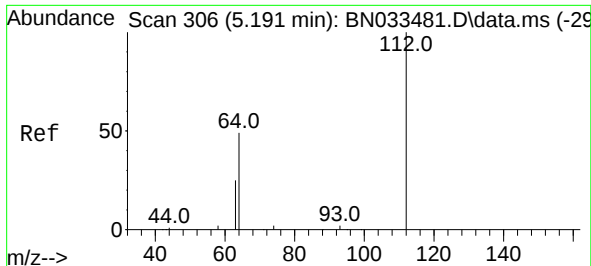
Tgt Ion:152 Resp: 6632
 Ion Ratio Lower Upper
 152 100
 150 155.6 122.2 183.2
 115 64.7 47.2 70.8



#2
 1,4-Dioxane
 Concen: 0.148 ng
 RT: 3.175 min Scan# 27
 Delta R.T. -0.007 min
 Lab File: BN033624.D
 Acq: 26 Aug 2024 16:20

Tgt Ion: 88 Resp: 1129
 Ion Ratio Lower Upper
 88 100
 43 0.0 25.0 37.4#
 58 86.1 62.5 93.7

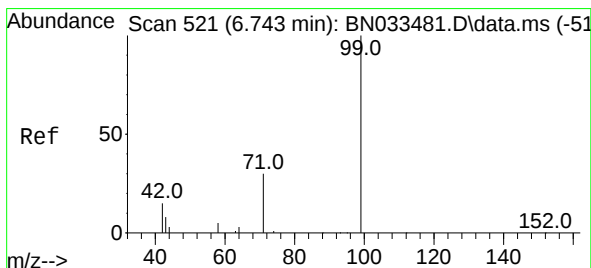
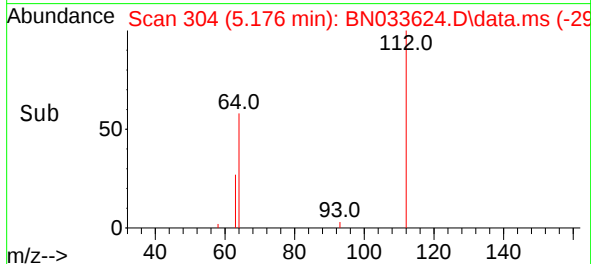
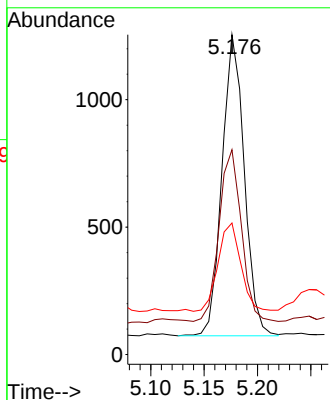
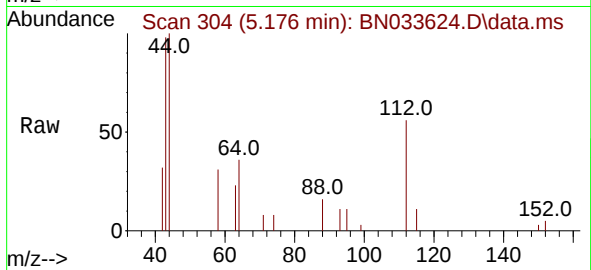




#4
2-Fluorophenol
Concen: 0.081 ng
RT: 5.176 min Scan# 306
Delta R.T. -0.000 min
Lab File: BN033624.D
Acq: 26 Aug 2024 16:20

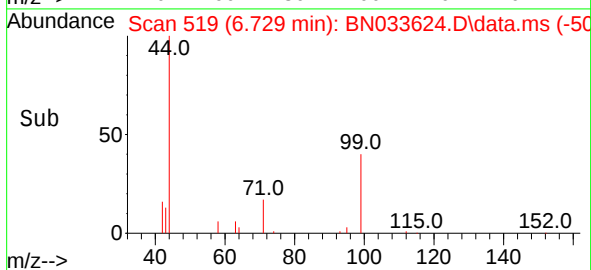
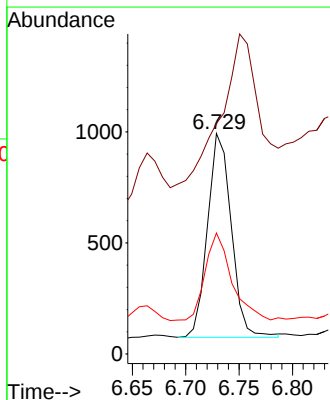
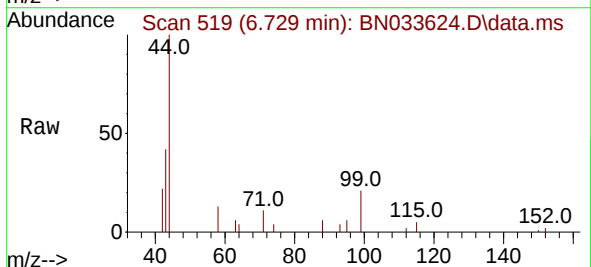
Instrument :
BNA_N
ClientSampleId :
MW-10A-9.5-082024

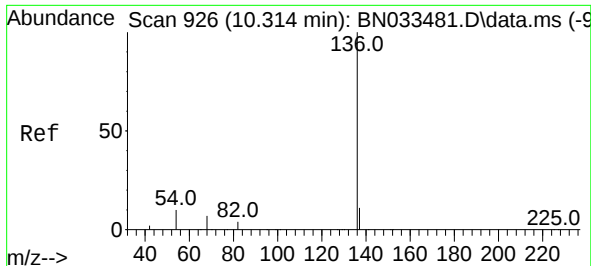
Tgt Ion:112 Resp: 1711
Ion Ratio Lower Upper
112 100
64 57.3 47.1 70.7
63 29.3 24.9 37.3



#5
Phenol-d6
Concen: 0.057 ng
RT: 6.729 min Scan# 519
Delta R.T. -0.000 min
Lab File: BN033624.D
Acq: 26 Aug 2024 16:20

Tgt Ion: 99 Resp: 1424
Ion Ratio Lower Upper
99 100
42 0.0 16.6 24.8#
71 48.3 26.2 39.4#

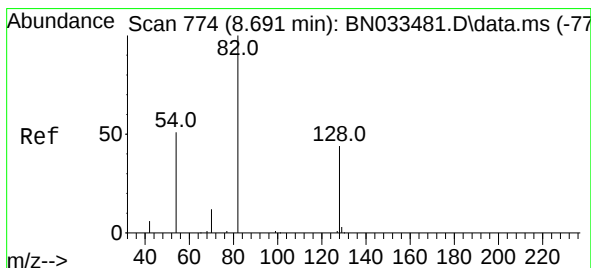
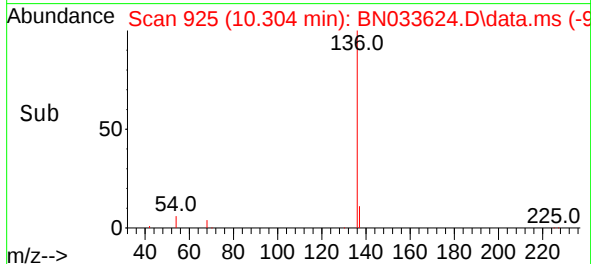
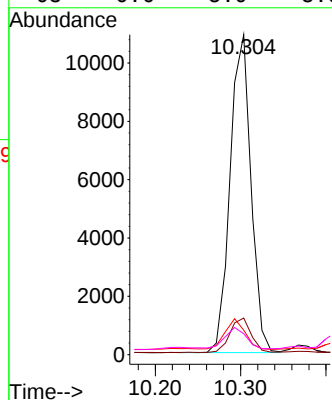
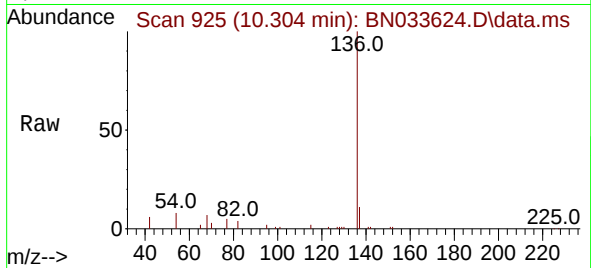




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.304 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN033624.D
Acq: 26 Aug 2024 16:20

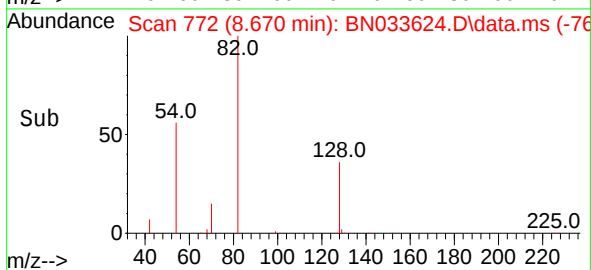
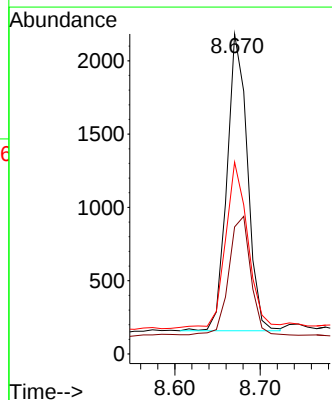
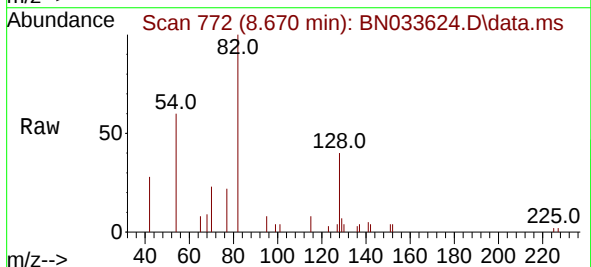
Instrument :
BNA_N
ClientSampleId :
MW-10A-9.5-082024

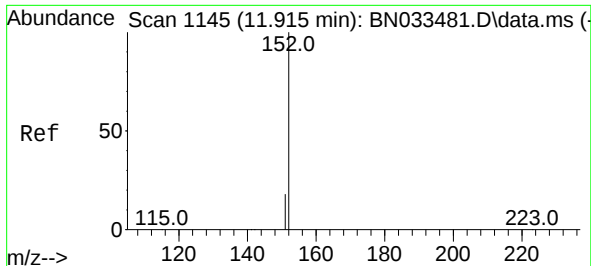
Tgt Ion:136 Resp: 18507
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 7.6 8.3 12.5#
68 6.6 5.9 8.9



#8
Nitrobenzene-d5
Concen: 0.220 ng
RT: 8.670 min Scan# 772
Delta R.T. -0.011 min
Lab File: BN033624.D
Acq: 26 Aug 2024 16:20

Tgt Ion: 82 Resp: 3372
Ion Ratio Lower Upper
82 100
128 39.7 36.0 54.0
54 60.0 42.0 63.0





#11

2-Methylnaphthalene-d10

Concen: 0.196 ng

RT: 11.899 min Scan# 1141

Delta R.T. -0.004 min

Lab File: BN033624.D

Acq: 26 Aug 2024 16:20

Instrument :

BNA_N

ClientSampleId :

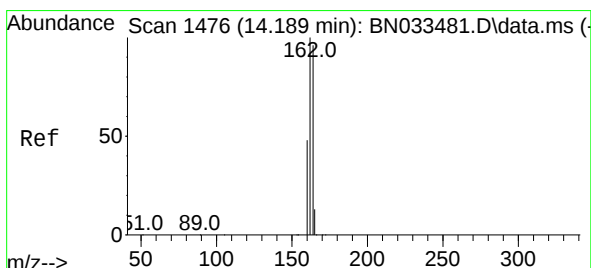
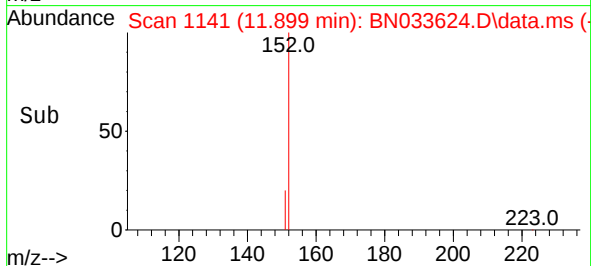
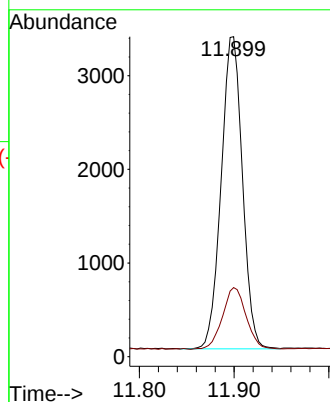
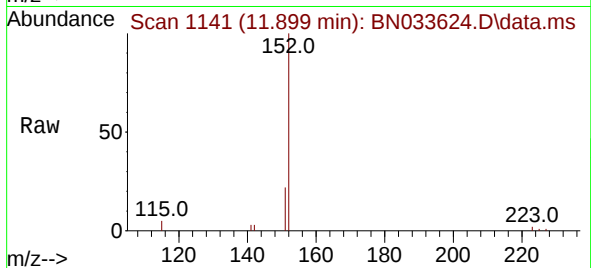
MW-10A-9.5-082024

Tgt Ion:152 Resp: 5196

Ion Ratio Lower Upper

152 100

151 22.0 16.6 25.0



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.178 min Scan# 1475

Delta R.T. -0.000 min

Lab File: BN033624.D

Acq: 26 Aug 2024 16:20

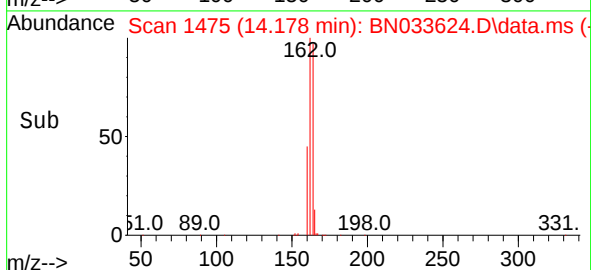
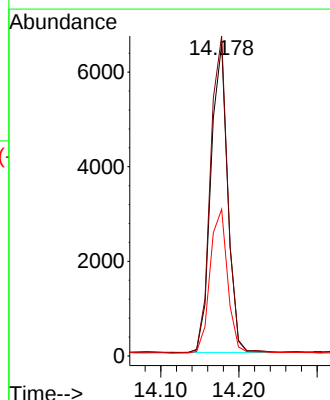
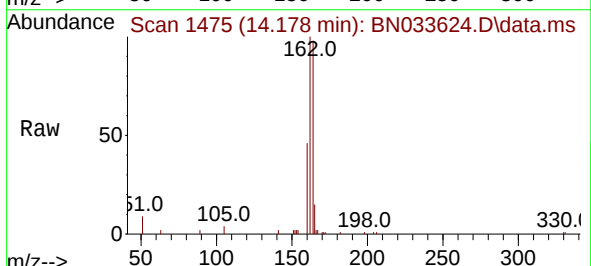
Tgt Ion:164 Resp: 9705

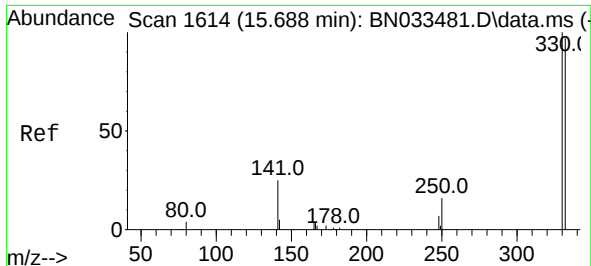
Ion Ratio Lower Upper

164 100

162 102.5 83.5 125.3

160 47.0 40.2 60.4





#14

2,4,6-Tribromophenol

Concen: 0.283 ng

RT: 15.676 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN033624.D

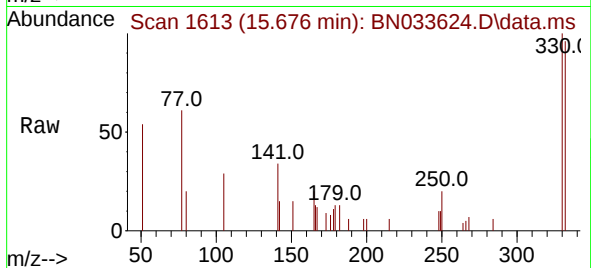
Acq: 26 Aug 2024 16:20

Instrument :

BNA_N

ClientSampleId :

MW-10A-9.5-082024



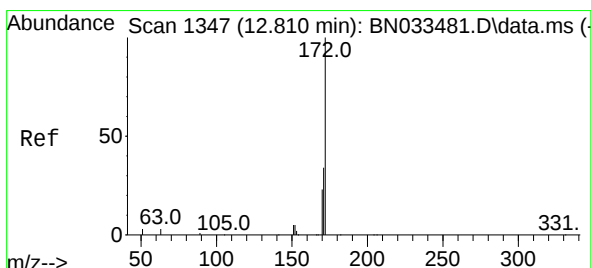
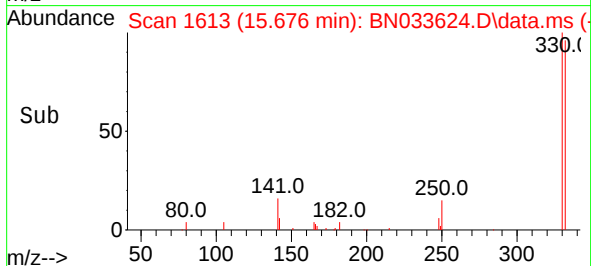
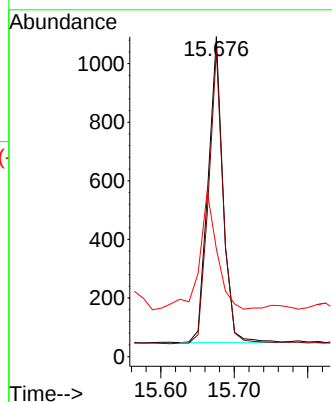
Tgt Ion:330 Resp: 1474

Ion Ratio Lower Upper

330 100

332 95.2 77.5 116.3

141 43.1 33.9 50.9



#15

2-Fluorobiphenyl

Concen: 0.246 ng

RT: 12.788 min Scan# 1345

Delta R.T. -0.011 min

Lab File: BN033624.D

Acq: 26 Aug 2024 16:20

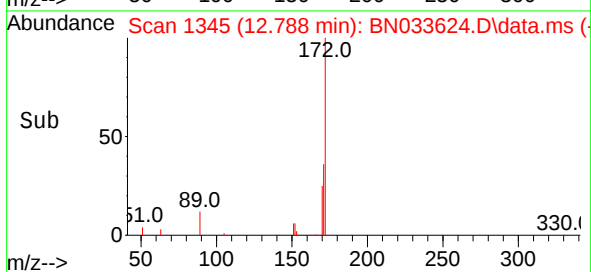
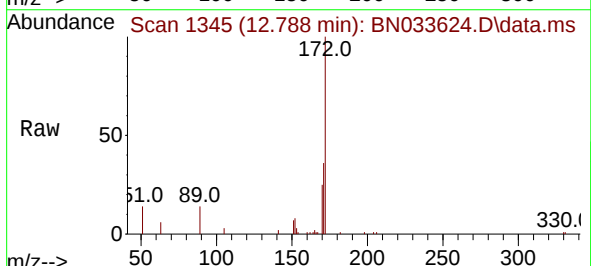
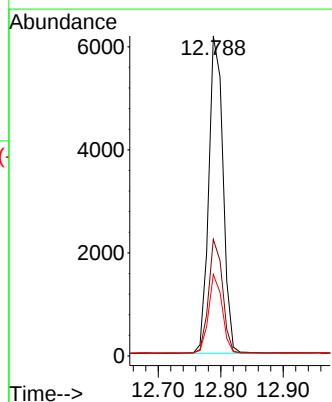
Tgt Ion:172 Resp: 9749

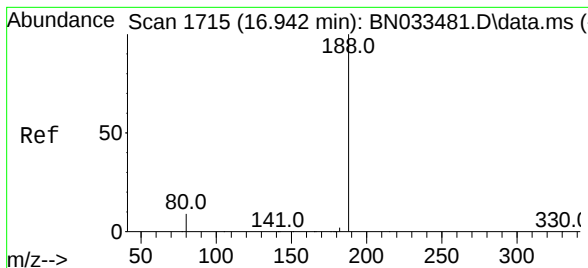
Ion Ratio Lower Upper

172 100

171 36.5 27.7 41.5

170 25.5 18.3 27.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.929 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN033624.D

Acq: 26 Aug 2024 16:20

Instrument :

BNA_N

ClientSampleId :

MW-10A-9.5-082024

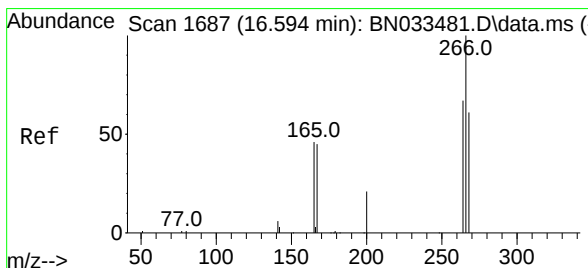
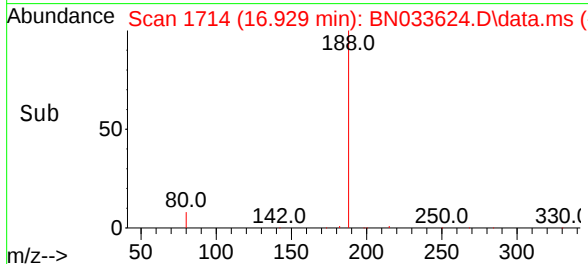
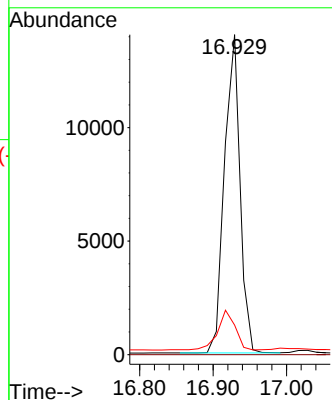
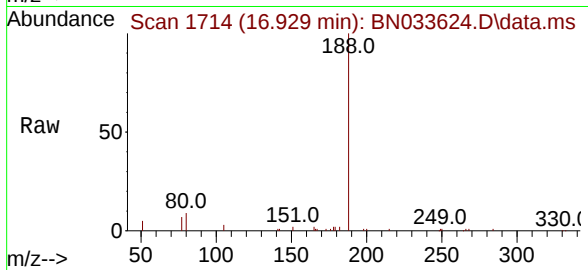
Tgt Ion:188 Resp: 20610

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.3 7.8 11.8



#24

Pentachlorophenol

Concen: 0.246 ng

RT: 16.582 min Scan# 1686

Delta R.T. -0.013 min

Lab File: BN033624.D

Acq: 26 Aug 2024 16:20

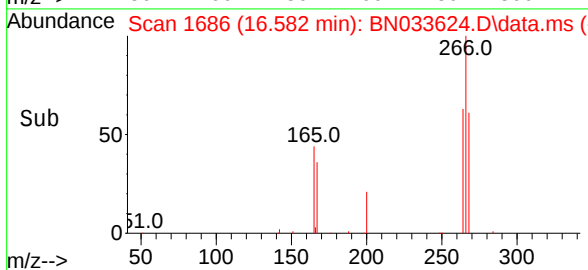
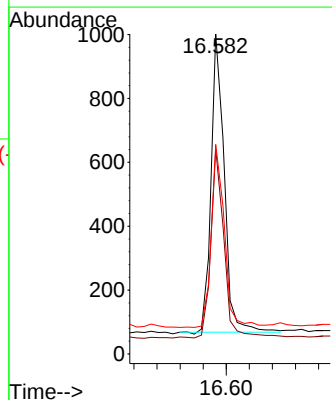
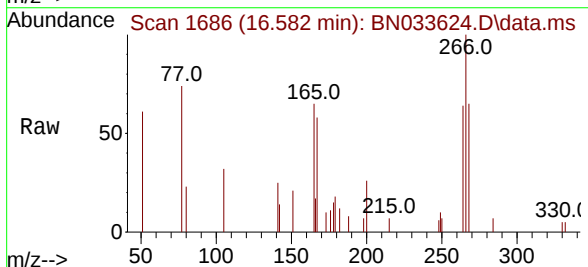
Tgt Ion:266 Resp: 1474

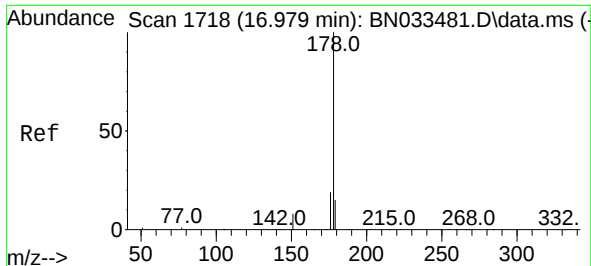
Ion Ratio Lower Upper

266 100

264 61.8 51.9 77.9

268 61.6 51.0 76.4





#25

Phenanthrene

Concen: 0.027 ng

RT: 16.966 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN033624.D

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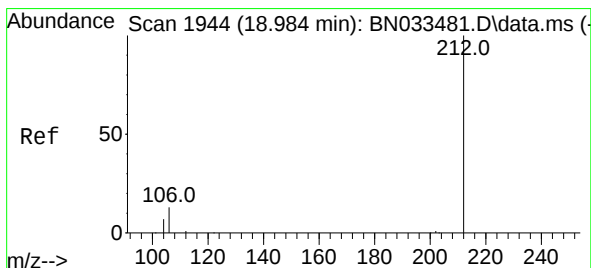
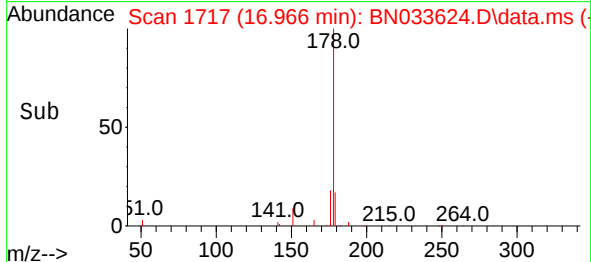
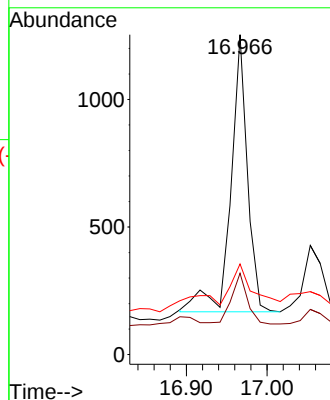
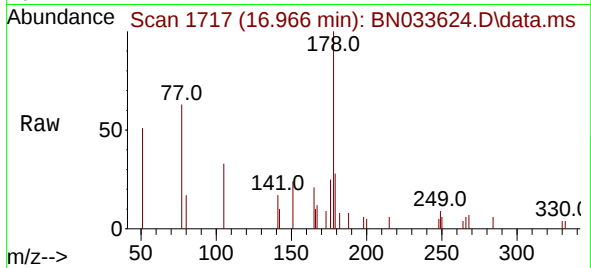
Tgt Ion:178 Resp: 1552

Ion Ratio Lower Upper

178 100

176 17.2 15.3 22.9

179 17.5 12.3 18.5



#27

Fluoranthene-d10

Concen: 0.266 ng

RT: 18.970 min Scan# 1941

Delta R.T. -0.000 min

Lab File: BN033624.D

Acq: 26 Aug 2024 16:20

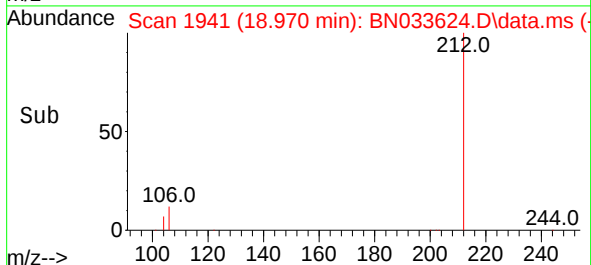
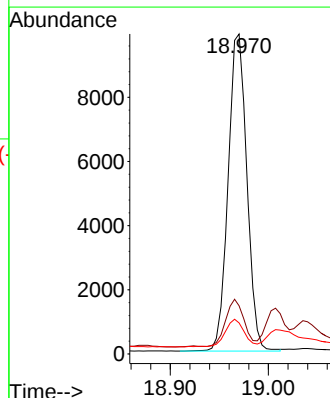
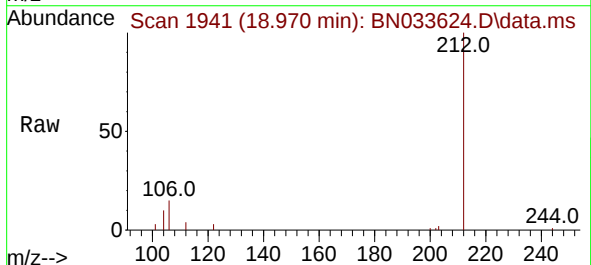
Tgt Ion:212 Resp: 13163

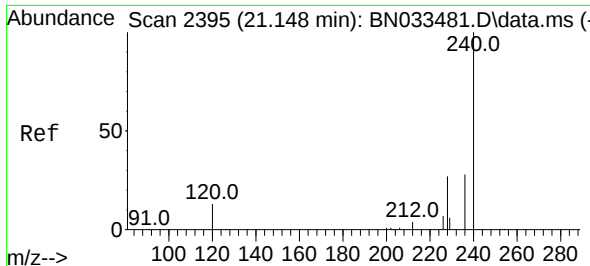
Ion Ratio Lower Upper

212 100

106 14.8 12.3 18.5

104 8.9 7.0 10.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.139 min Scan# 24

Delta R.T. -0.000 min

Lab File: BN033624.D

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MW-10A-9.5-082024

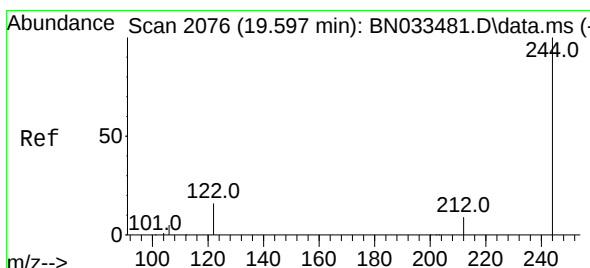
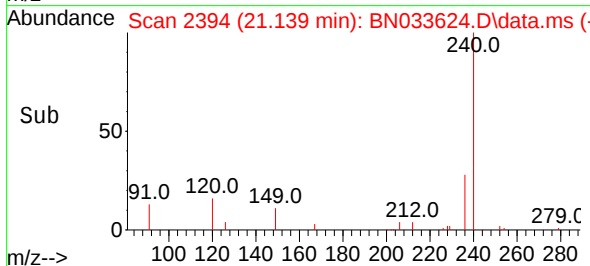
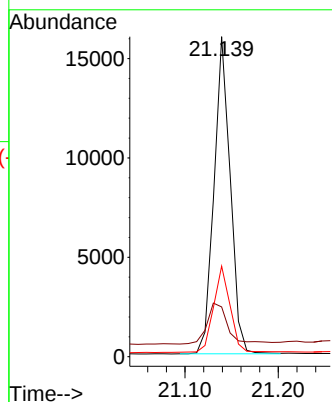
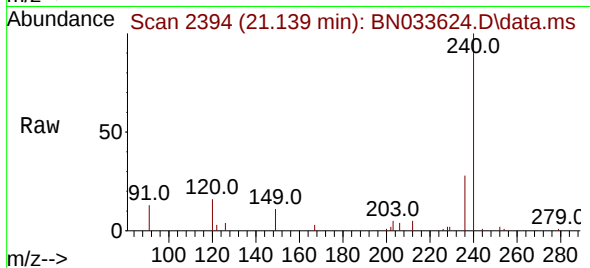
Tgt Ion:240 Resp: 19237

Ion Ratio Lower Upper

240 100

120 15.5 12.4 18.6

236 28.3 23.0 34.6



#31

Terphenyl-d14

Concen: 0.420 ng

RT: 19.583 min Scan# 2073

Delta R.T. -0.000 min

Lab File: BN033624.D

Acq: 26 Aug 2024 16:20

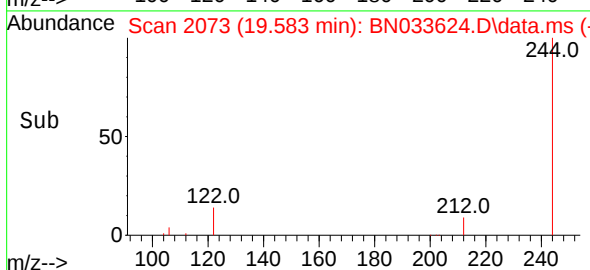
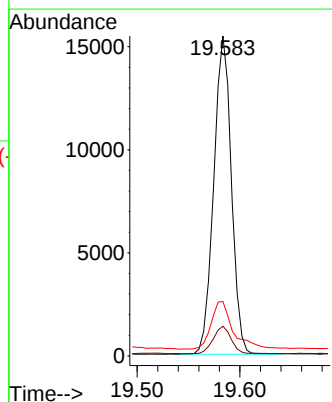
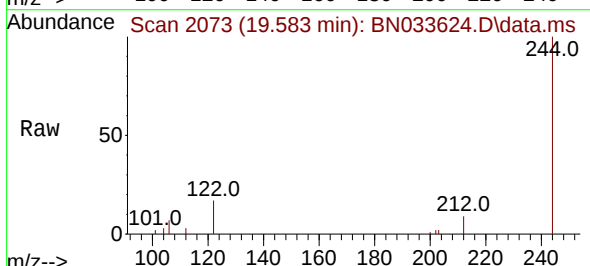
Tgt Ion:244 Resp: 18366

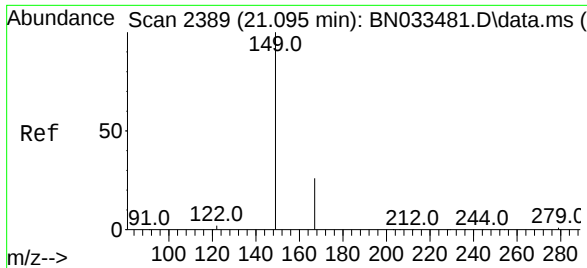
Ion Ratio Lower Upper

244 100

212 9.3 7.8 11.6

122 17.0 13.3 19.9

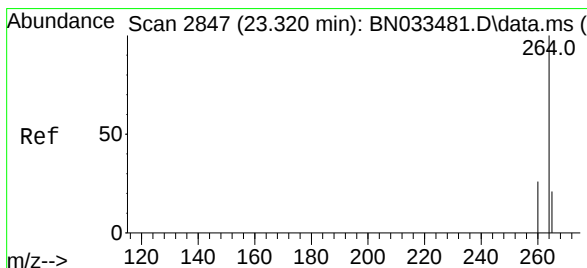
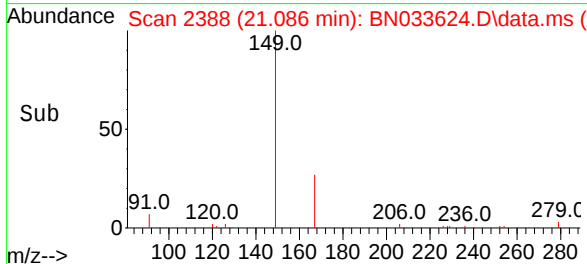
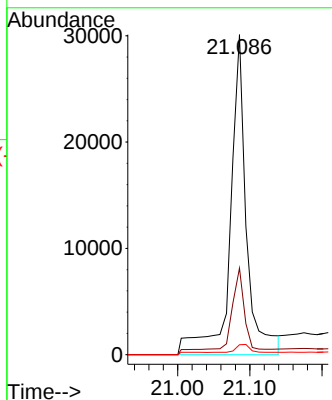
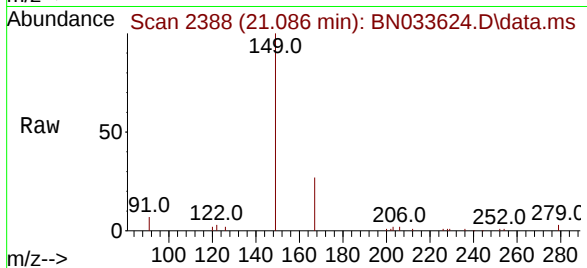




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.042 ng
 RT: 21.086 min Scan# 24
 Delta R.T. -0.000 min
 Lab File: BN033624.D
 Acq: 26 Aug 2024 16:20

Instrument :
 BNA_N
 ClientSampleId :
 MW-10A-9.5-082024

Tgt Ion:149 Resp: 45888
 Ion Ratio Lower Upper
 149 100
 167 25.2 21.5 32.3
 279 2.6 2.2 3.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.309 min Scan# 2843
 Delta R.T. 0.006 min
 Lab File: BN033624.D
 Acq: 26 Aug 2024 16:20

Tgt Ion:264 Resp: 21439
 Ion Ratio Lower Upper
 264 100
 260 26.2 20.8 31.2
 265 60.6 52.2 78.2

