

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031424\
 Data File : BN030394.D
 Acq On : 14 Mar 2024 12:57
 Operator : MA/JU
 Sample : P1716-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20240307

Quant Time: Mar 14 14:05:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 11:36:29 2024
 Response via : Initial Calibration

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

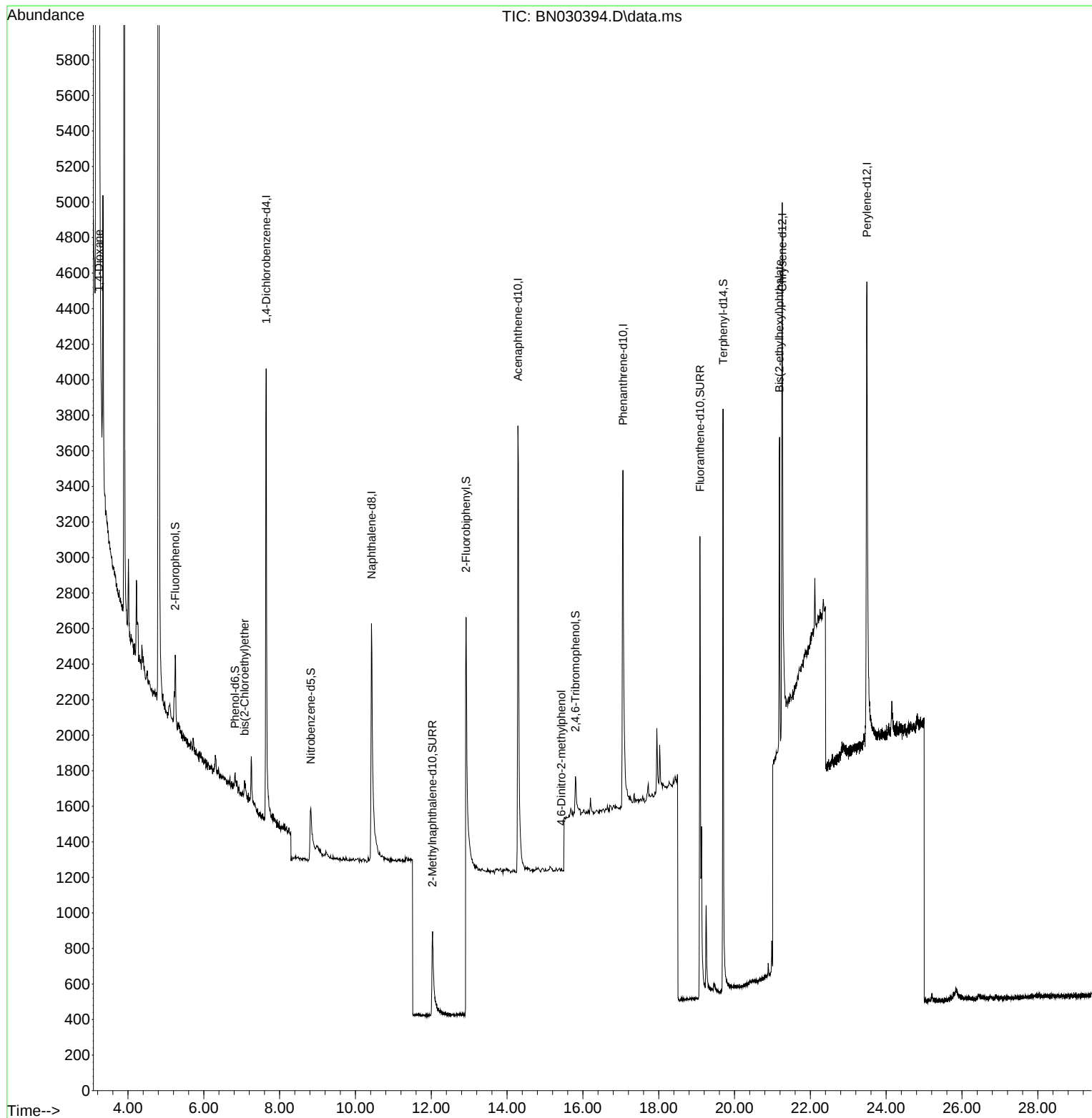
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.645	152	1486	0.400	ng	0.00
7) Naphthalene-d8	10.423	136	3407	0.400	ng	# 0.00
13) Acenaphthene-d10	14.286	164	2174	0.400	ng	0.00
19) Phenanthrene-d10	17.057	188	4661	0.400	ng	0.01
29) Chrysene-d12	21.259	240	4612	0.400	ng	0.00
35) Perylene-d12	23.490	264	4755	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.247	112	319	0.082	ng	0.00
5) Phenol-d6	6.822	99	132	0.035	ng	0.00
8) Nitrobenzene-d5	8.822	82	679	0.217	ng	0.02
11) 2-Methylnaphthalene-d10	12.034	152	1388	0.262	ng	0.01
14) 2,4,6-Tribromophenol	15.803	330	232	0.183	ng	0.01
15) 2-Fluorobiphenyl	12.918	172	1896	0.217	ng	0.01
27) Fluoranthene-d10	19.090	212	4379	0.324	ng	0.00
31) Terphenyl-d14	19.698	244	4300	0.410	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.232	88	7695	3.730	ng	Qvalue 97
6) bis(2-Chloroethyl)ether	7.074	93	131	0.043	ng	# 22
20) 4,6-Dinitro-2-methylph...	15.430	198	10	0.187	ng	# 53
34) Bis(2-ethylhexyl)phtha...	21.187	149	1809	0.226	ng	# 99

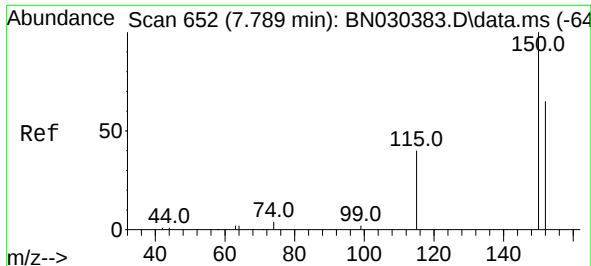
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BN030394.D
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SP-100-20240307

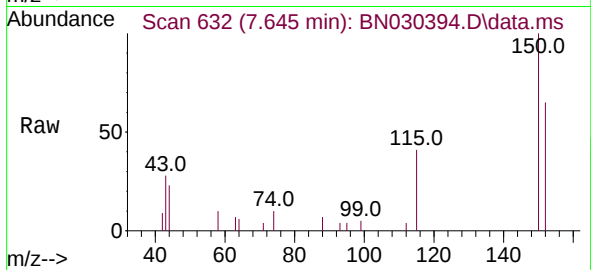
Quant Time: Mar 14 14:05:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031324.M
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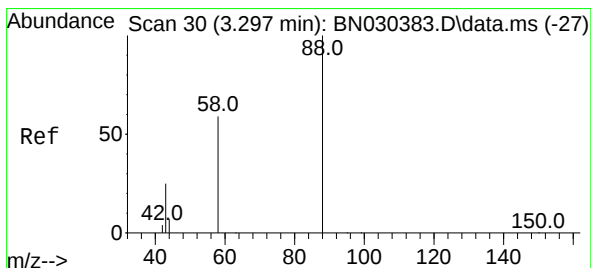
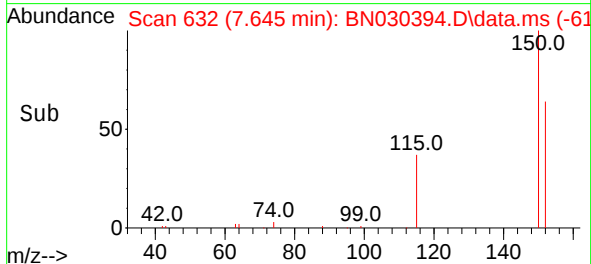
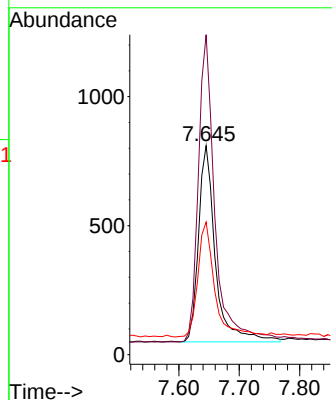


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.645 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN030394.D
 Acq: 14 Mar 2024 12:57

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20240307

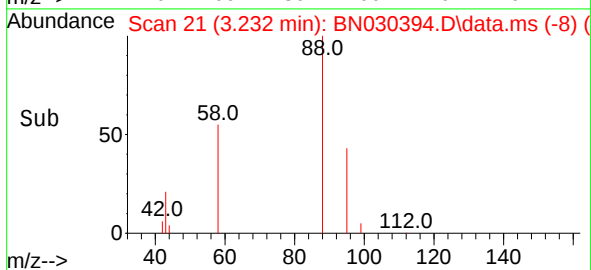
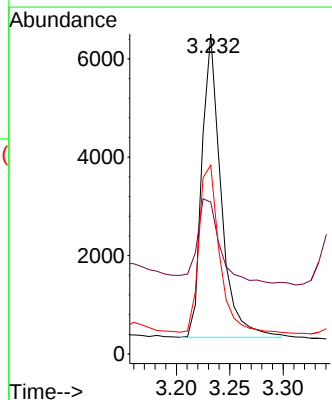
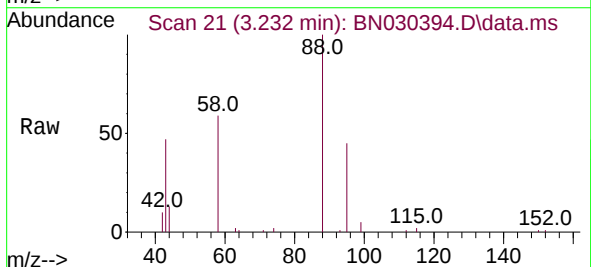


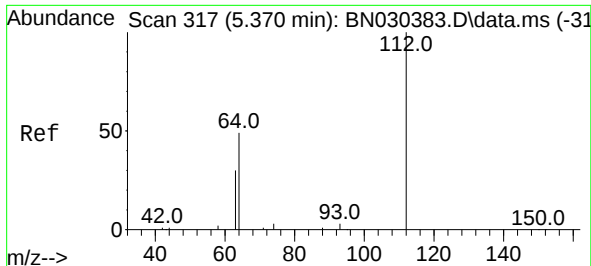
Tgt Ion:152 Resp: 1486
 Ion Ratio Lower Upper
 152 100
 150 153.1 120.4 180.6
 115 63.5 52.8 79.2



#2
 1,4-Dioxane
 Concen: 3.730 ng
 RT: 3.232 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN030394.D
 Acq: 14 Mar 2024 12:57

Tgt Ion: 88 Resp: 7695
 Ion Ratio Lower Upper
 88 100
 43 32.4 23.4 35.0
 58 58.4 46.1 69.1

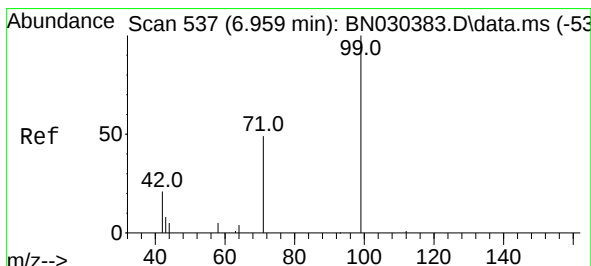
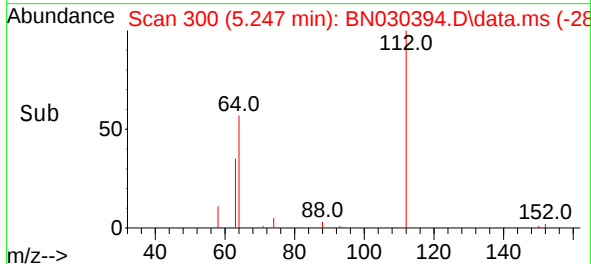
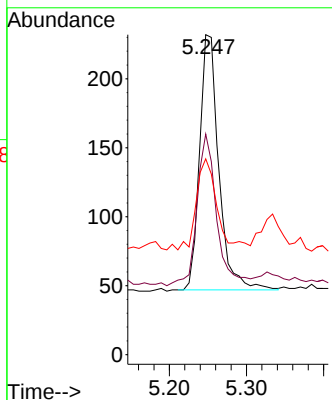
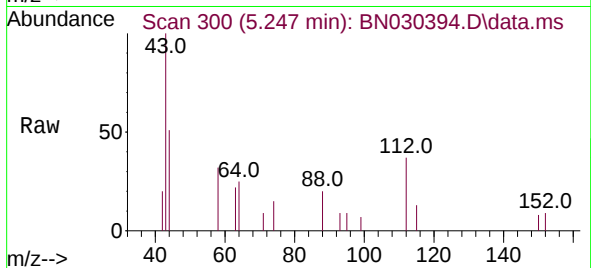




#4
2-Fluorophenol
Concen: 0.082 ng
RT: 5.247 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN030394.D
Acq: 14 Mar 2024 12:57

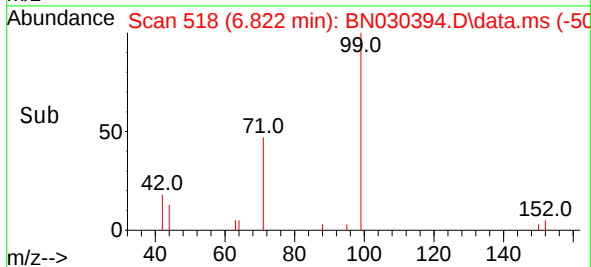
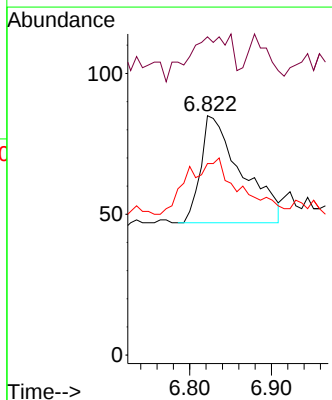
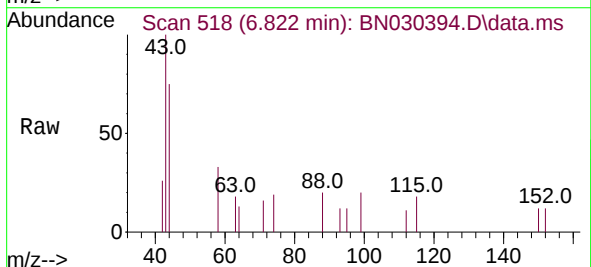
Instrument :
BNA_N
ClientSampleId :
SP-100-20240307

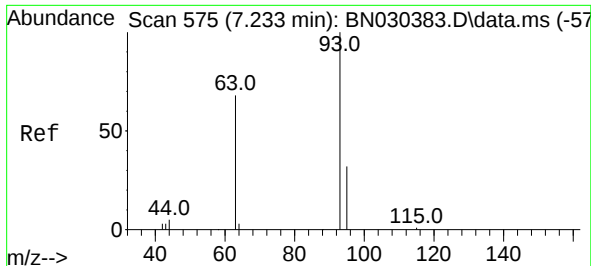
Tgt Ion:112 Resp: 319
Ion Ratio Lower Upper
112 100
64 60.8 45.6 68.4
63 38.2 28.2 42.4



#5
Phenol-d6
Concen: 0.035 ng
RT: 6.822 min Scan# 518
Delta R.T. 0.007 min
Lab File: BN030394.D
Acq: 14 Mar 2024 12:57

Tgt Ion: 99 Resp: 132
Ion Ratio Lower Upper
99 100
42 28.0 17.0 25.6#
71 65.9 37.0 55.6#

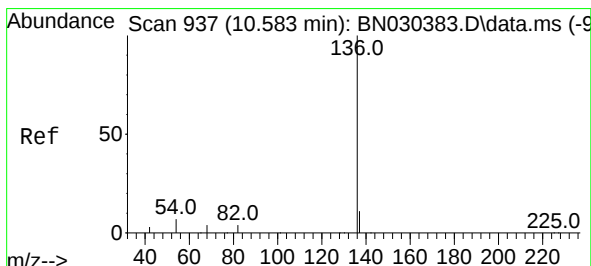
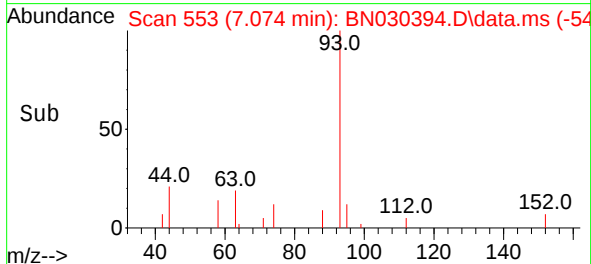
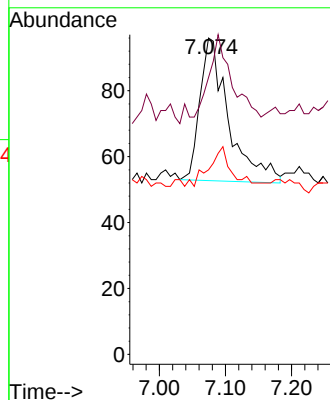
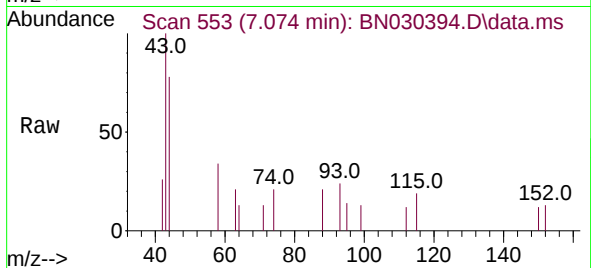




#6
bis(2-Chloroethyl)ether
Concen: 0.043 ng
RT: 7.074 min Scan# 51
Delta R.T. -0.015 min
Lab File: BN030394.D
Acq: 14 Mar 2024 12:57

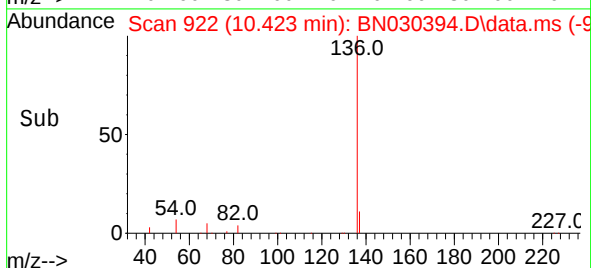
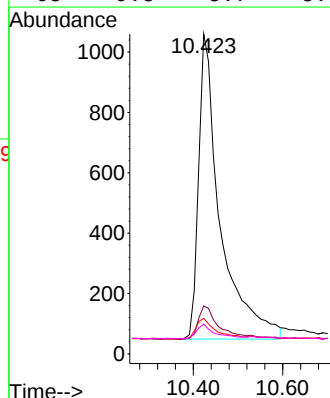
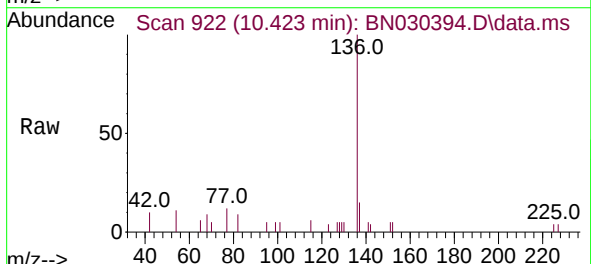
Instrument :
BNA_N
ClientSampleId :
SP-100-20240307

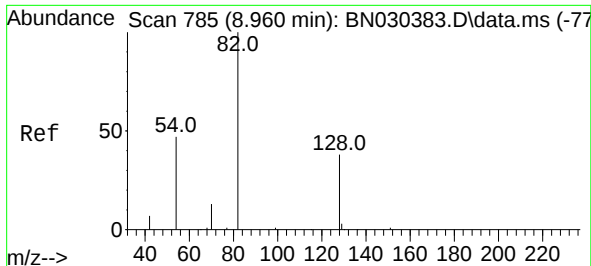
Tgt Ion: 93 Resp: 131
Ion Ratio Lower Upper
93 100
63 0.0 58.9 88.3#
95 0.0 27.3 40.9#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.423 min Scan# 922
Delta R.T. -0.000 min
Lab File: BN030394.D
Acq: 14 Mar 2024 12:57

Tgt Ion: 136 Resp: 3407
Ion Ratio Lower Upper
136 100
137 15.0 11.0 16.6
54 11.1 7.8 11.8
68 9.3 5.7 8.5#

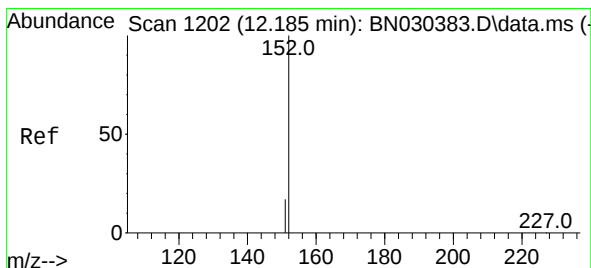
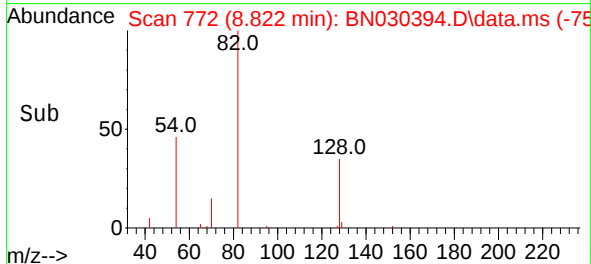
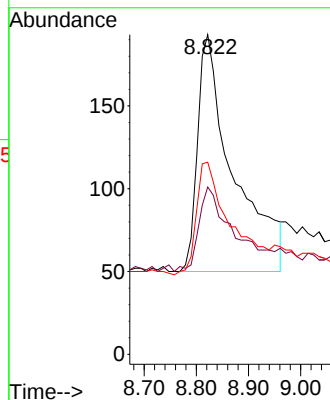
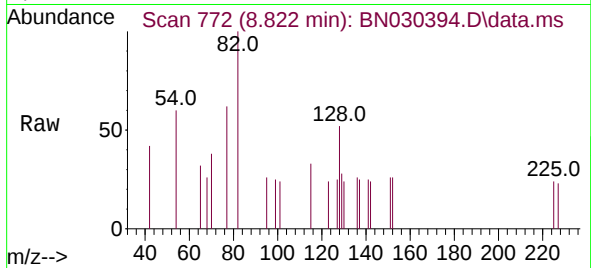




#8
Nitrobenzene-d5
Concen: 0.217 ng
RT: 8.822 min Scan# 71
Delta R.T. 0.021 min
Lab File: BN030394.D
Acq: 14 Mar 2024 12:57

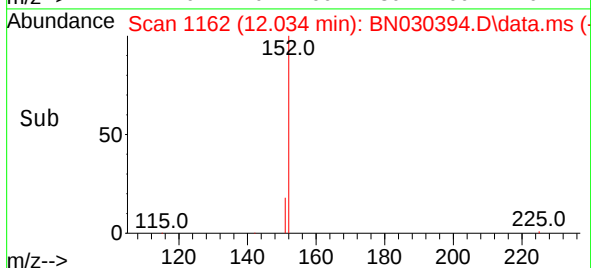
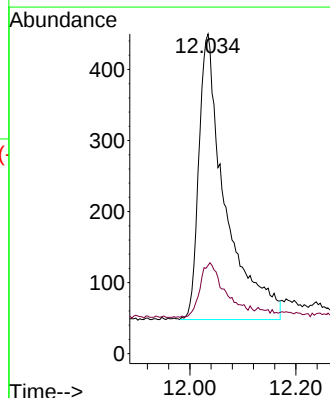
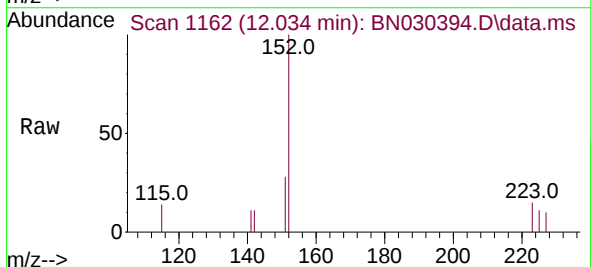
Instrument :
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ClientSampleId :
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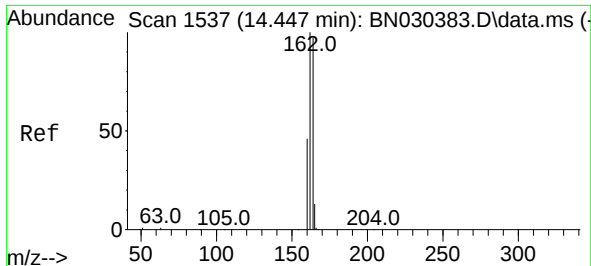
Tgt Ion: 82 Resp: 679
Ion Ratio Lower Upper
82 100
128 52.3 35.2 52.8
54 60.1 41.5 62.3



#11
2-Methylnaphthalene-d10
Concen: 0.262 ng
RT: 12.034 min Scan# 1162
Delta R.T. 0.011 min
Lab File: BN030394.D
Acq: 14 Mar 2024 12:57

Tgt Ion:152 Resp: 1388
Ion Ratio Lower Upper
152 100
151 18.1 15.8 23.8

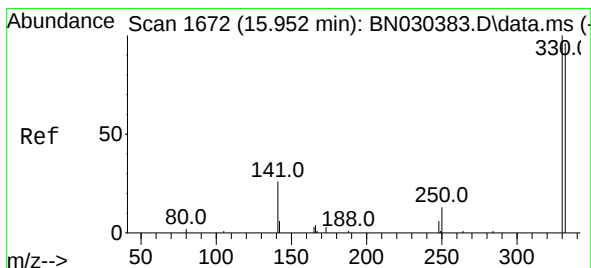
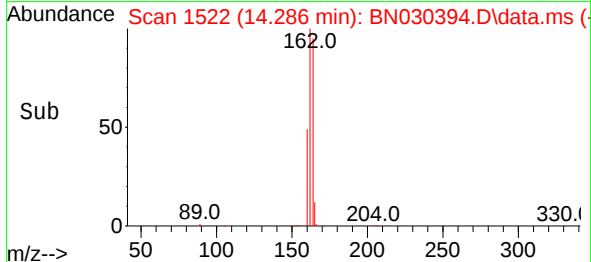
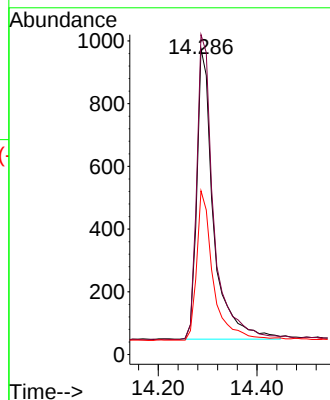
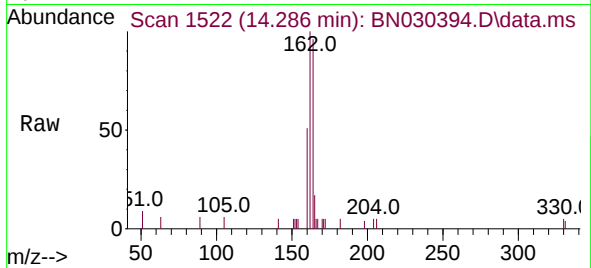




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.286 min Scan# 1660
Delta R.T. -0.000 min
Lab File: BN030394.D
Acq: 14 Mar 2024 12:57

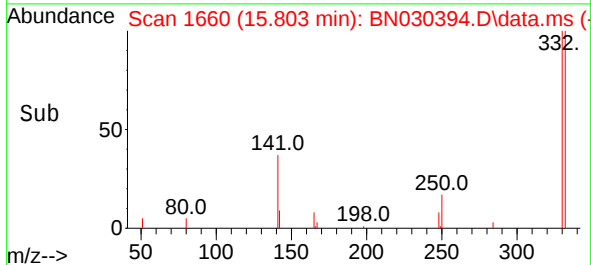
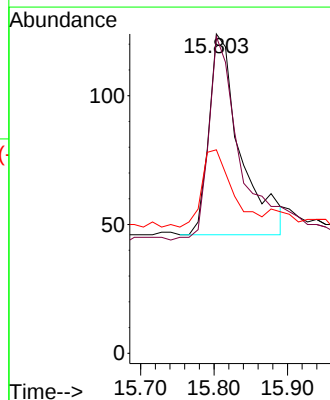
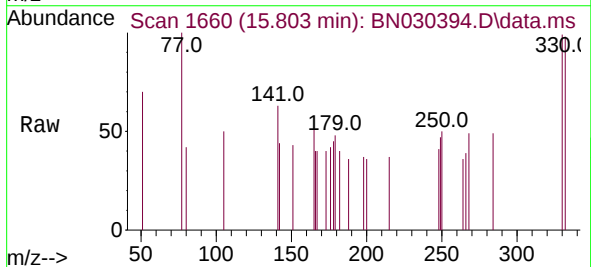
Instrument :
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ClientSampleId :
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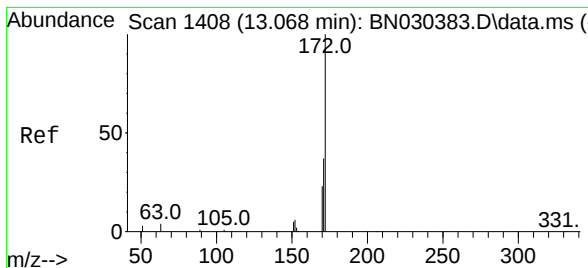
Tgt Ion:164 Resp: 2174
Ion Ratio Lower Upper
164 100
162 104.6 82.6 124.0
160 53.5 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.183 ng
RT: 15.803 min Scan# 1660
Delta R.T. 0.012 min
Lab File: BN030394.D
Acq: 14 Mar 2024 12:57

Tgt Ion:330 Resp: 232
Ion Ratio Lower Upper
330 100
332 96.1 77.2 115.8
141 37.5 31.4 47.2





#15

2-Fluorobiphenyl

Concen: 0.217 ng

RT: 12.918 min Scan# 1408

Delta R.T. 0.011 min

Lab File: BN030394.D

Acq: 14 Mar 2024 12:57

Instrument :

BNA_N

ClientSampleId :

SP-100-20240307

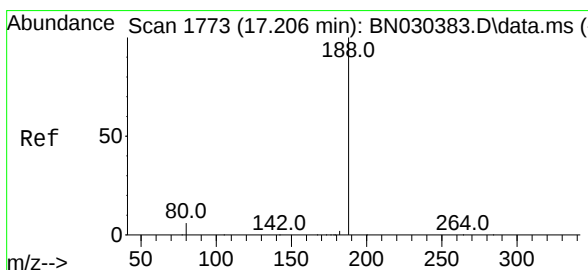
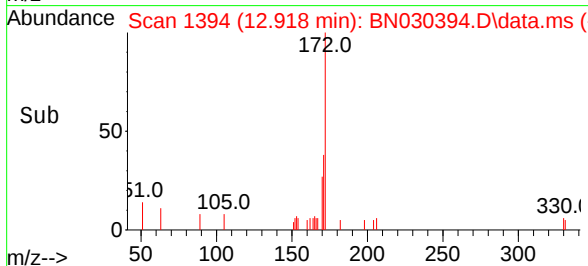
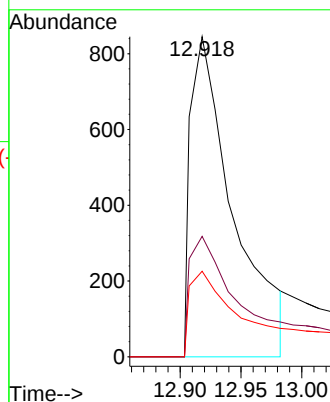
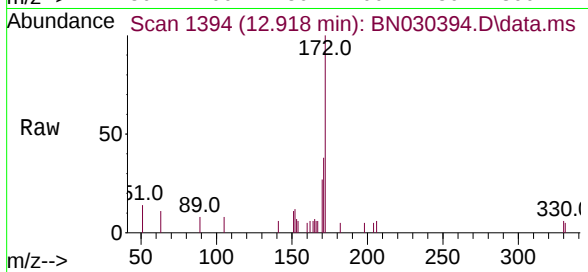
Tgt Ion:172 Resp: 1896

Ion Ratio Lower Upper

172 100

171 37.6 31.0 46.6

170 26.7 20.6 31.0



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.057 min Scan# 1761

Delta R.T. 0.012 min

Lab File: BN030394.D

Acq: 14 Mar 2024 12:57

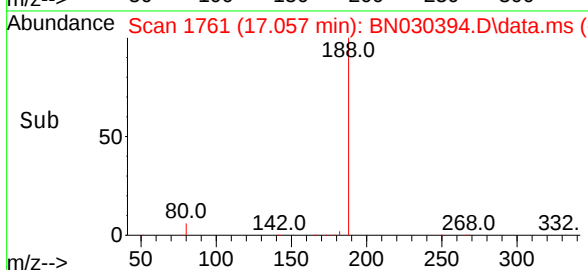
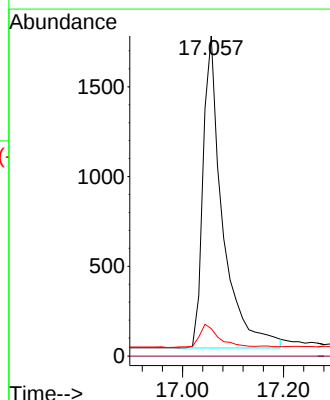
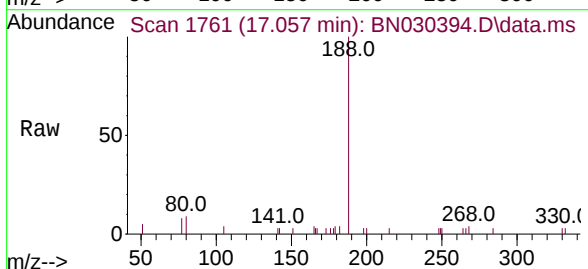
Tgt Ion:188 Resp: 4661

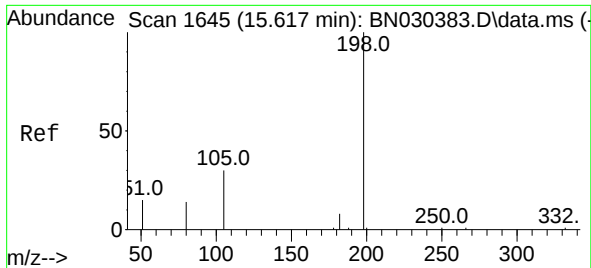
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.6 6.4 9.6





#20

4,6-Dinitro-2-methylphenol

Concen: 0.187 ng

RT: 15.430 min Scan# 1

Delta R.T. -0.022 min

Lab File: BN030394.D

Acq: 14 Mar 2024 12:57

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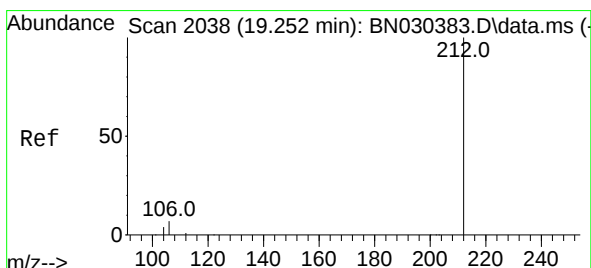
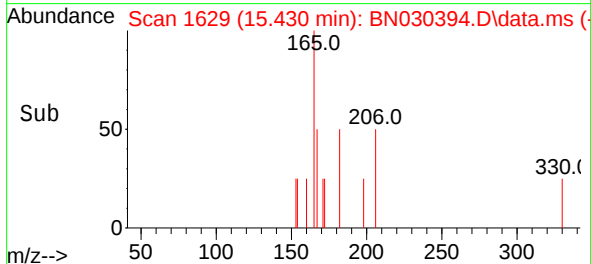
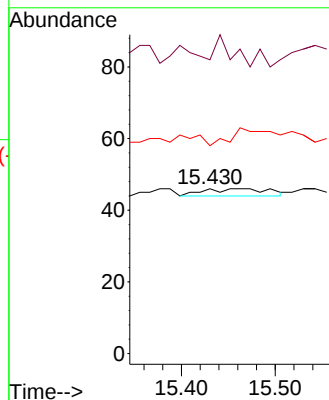
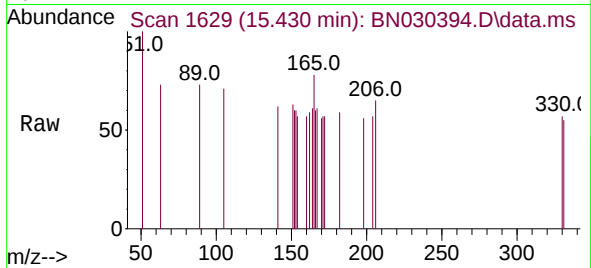
Tgt Ion:198 Resp: 10

Ion Ratio Lower Upper

198 100

51 178.3 110.8 166.2#

105 126.1 51.7 77.5#



#27

Fluoranthene-d10

Concen: 0.324 ng

RT: 19.090 min Scan# 2003

Delta R.T. 0.005 min

Lab File: BN030394.D

Acq: 14 Mar 2024 12:57

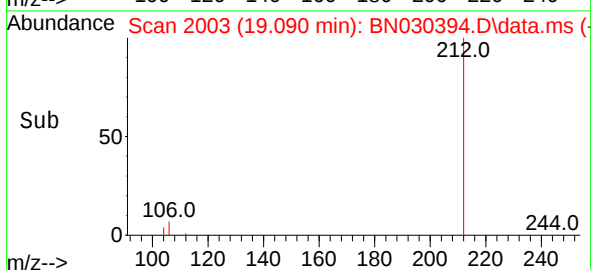
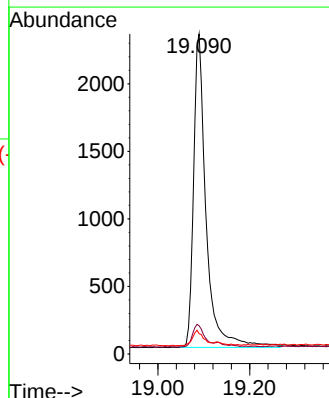
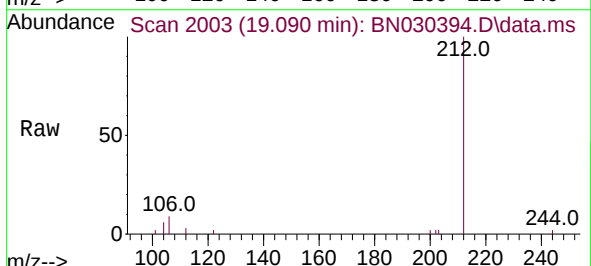
Tgt Ion:212 Resp: 4379

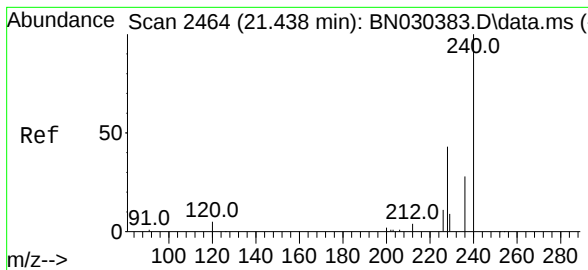
Ion Ratio Lower Upper

212 100

106 6.8 6.0 9.0

104 4.5 3.4 5.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.259 min Scan# 2444

Delta R.T. 0.009 min

Lab File: BN030394.D

Acq: 14 Mar 2024 12:57

Instrument :

BNA_N

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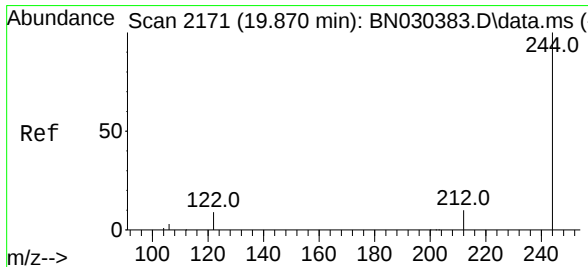
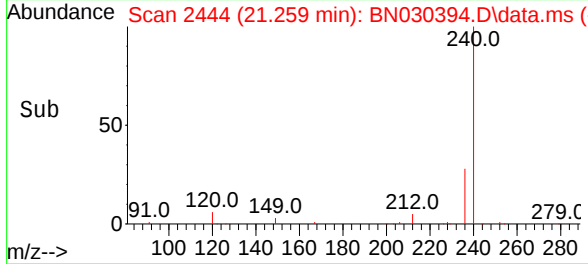
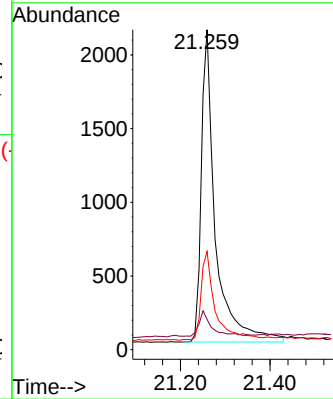
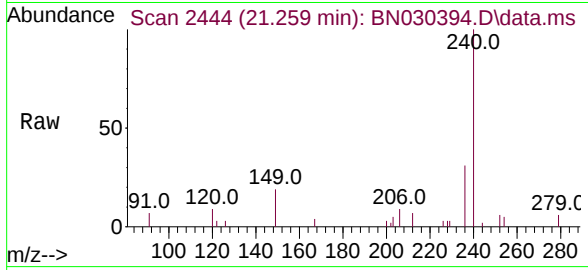
Tgt Ion:240 Resp: 4612

Ion Ratio Lower Upper

240 100

120 9.5 6.7 10.1

236 30.7 23.8 35.8



#31

Terphenyl-d14

Concen: 0.410 ng

RT: 19.698 min Scan# 2134

Delta R.T. -0.000 min

Lab File: BN030394.D

Acq: 14 Mar 2024 12:57

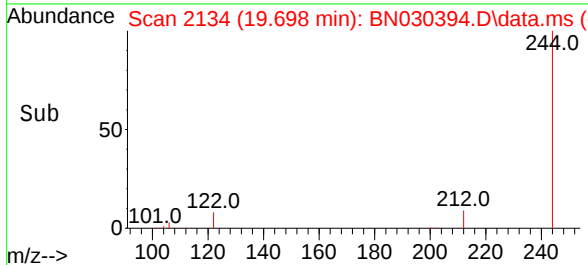
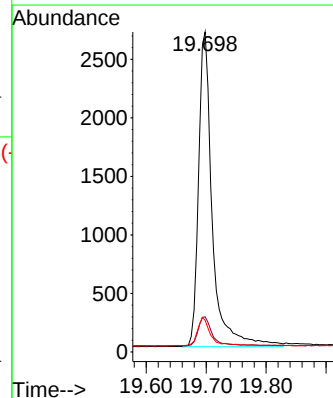
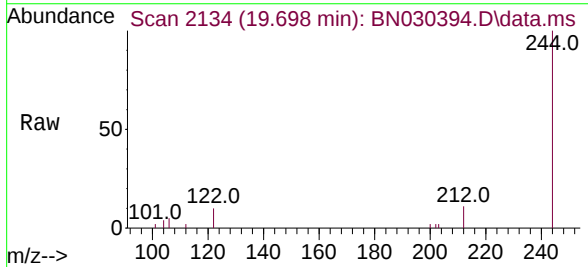
Tgt Ion:244 Resp: 4300

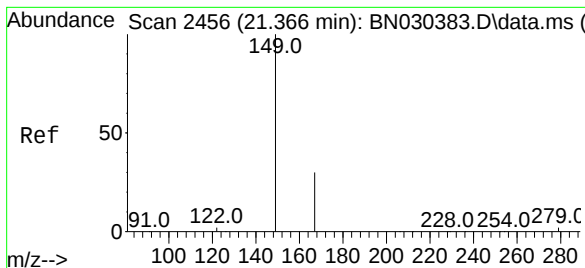
Ion Ratio Lower Upper

244 100

212 11.0 9.8 14.6

122 9.9 8.6 12.8





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.226 ng

RT: 21.187 min Scan# 2456

Delta R.T. -0.000 min

Lab File: BN030394.D

Acq: 14 Mar 2024 12:57

Instrument :

BNA_N

ClientSampleId :

SP-100-20240307

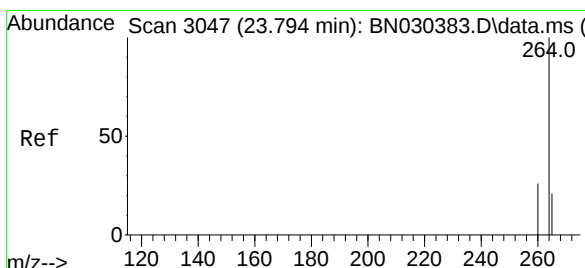
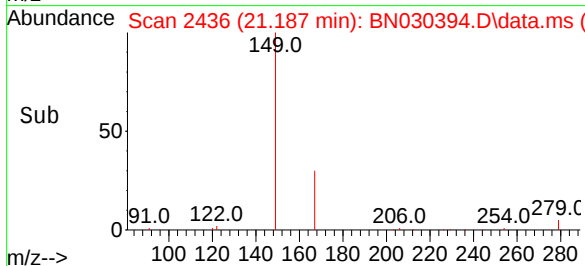
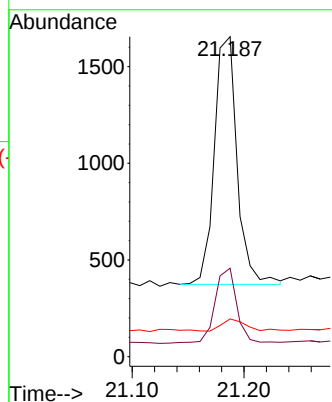
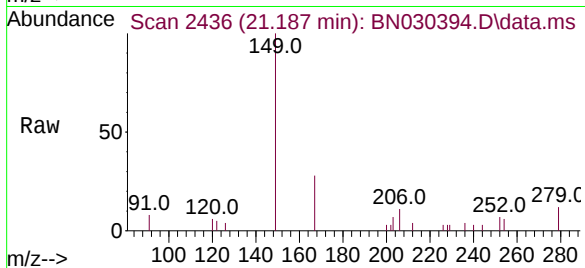
Tgt Ion:149 Resp: 1809

Ion Ratio Lower Upper

149 100

167 29.6 23.8 35.6

279 5.3 5.1 7.7



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.490 min Scan# 2943

Delta R.T. -0.000 min

Lab File: BN030394.D

Acq: 14 Mar 2024 12:57

Tgt Ion:264 Resp: 4755

Ion Ratio Lower Upper

264 100

260 27.3 21.8 32.8

265 74.6 50.6 75.8

