

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025654.D
 Acq On : 27 May 2023 20:35
 Operator : CG/JU
 Sample : 02911-04
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT205S1-20230522

Quant Time: May 29 00:54:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 29 00:47:45 2023
 Response via : Initial Calibration

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

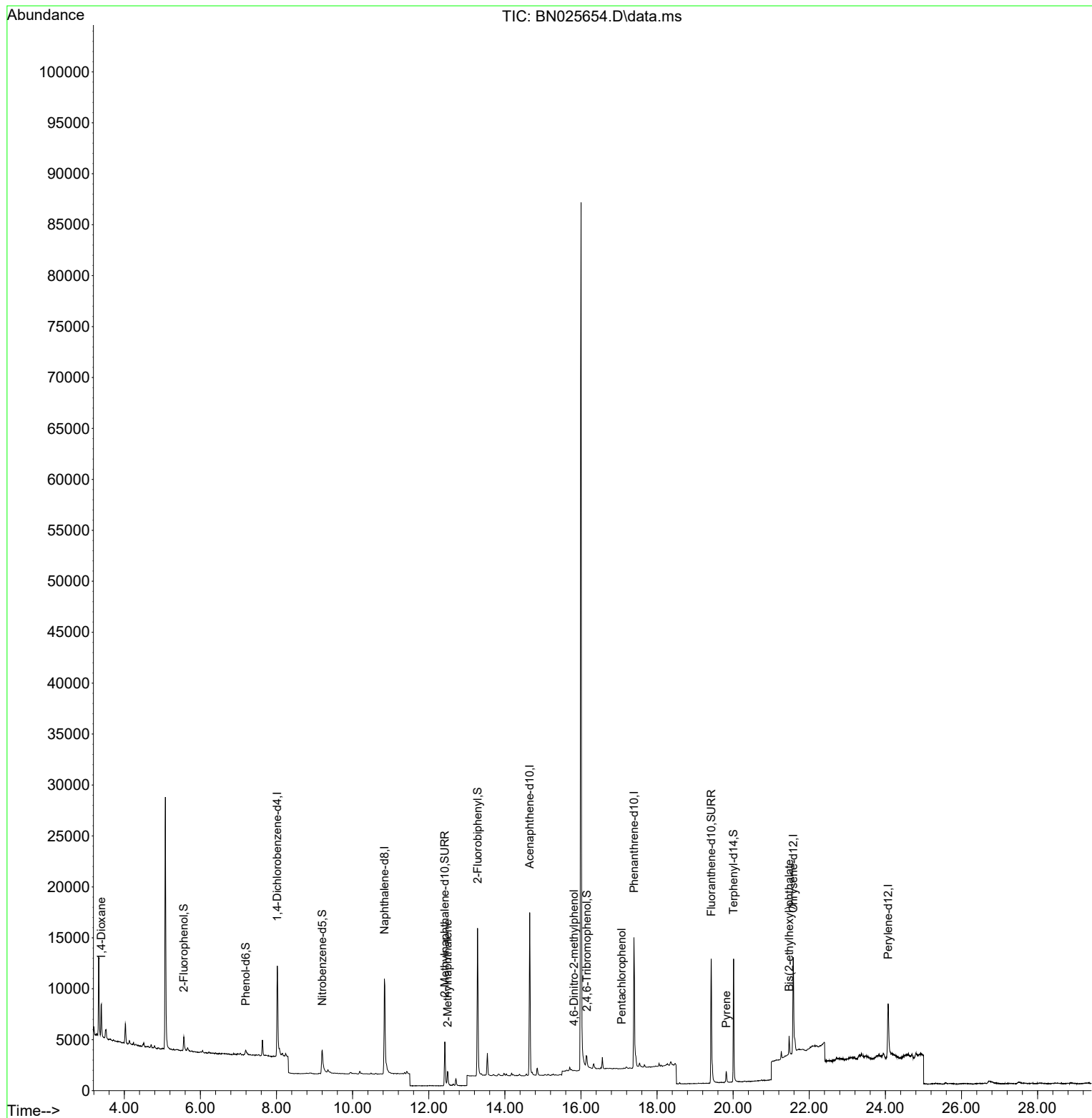
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	5581	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	15457	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	9315	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	19553	0.400	ng	0.00
29) Chrysene-d12	21.578	240	10909	0.400	ng	0.00
35) Perylene-d12	24.072	264	9181	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	1476	0.103	ng	0.00
5) Phenol-d6	7.189	99	861	0.050	ng	0.01
8) Nitrobenzene-d5	9.202	82	3459	0.267	ng	0.01
11) 2-Methylnaphthalene-d10	12.423	152	6837	0.310	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	780	0.414	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	13513	0.351	ng	0.00
27) Fluoranthene-d10	19.426	212	15098	0.341	ng	0.00
31) Terphenyl-d14	20.011	244	11796	0.494	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.397	88	2145	0.332	ng	# 90
12) 2-Methylnaphthalene	12.498	142	1157	0.040	ng	# 95
20) 4,6-Dinitro-2-methylph...	15.817	198	1	0.114	ng	# 1
24) Pentachlorophenol	17.071	266	13	0.376	ng	# 48
30) Pyrene	19.820	202	1094	0.021	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.471	149	2084	0.084	ng	# 96

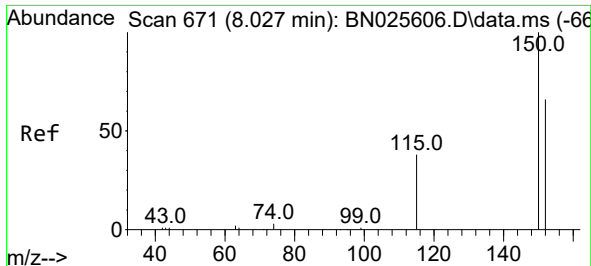
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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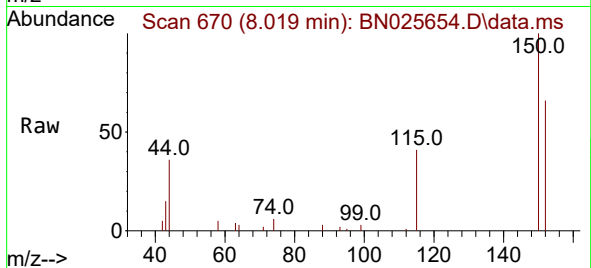
Quant Time: May 29 00:54:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
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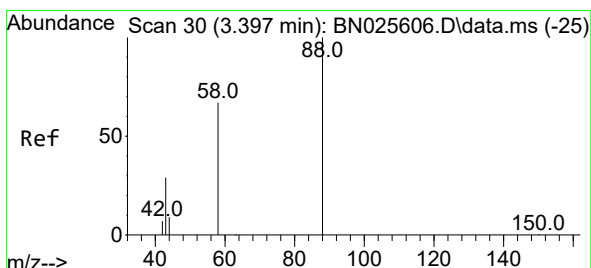
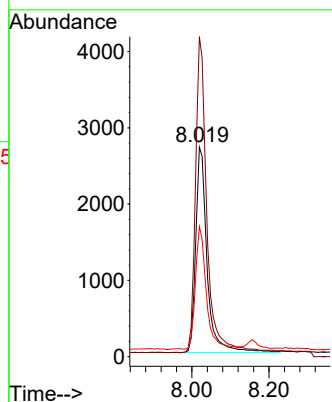
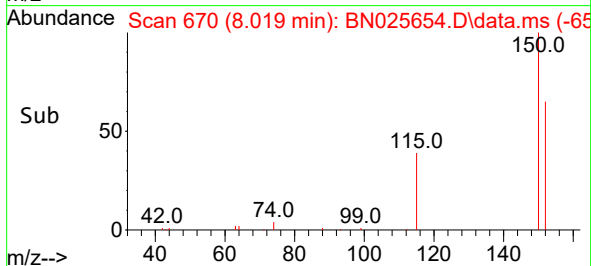


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.019 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN025654.D
 Acq: 27 May 2023 20:35

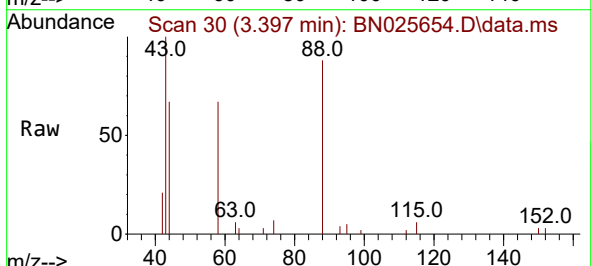
Instrument :
 BNA_N
 ClientSampleId :
 TT205S1-20230522



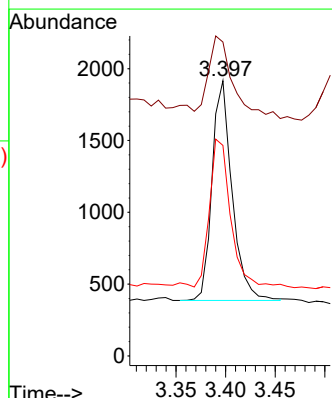
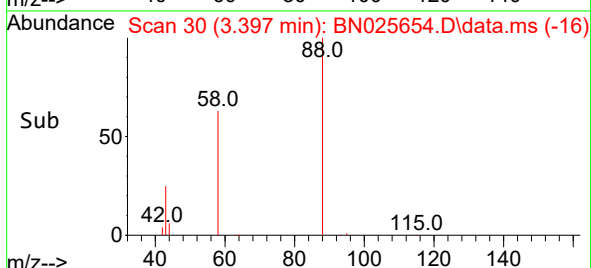
Tgt Ion:152 Resp: 5581
 Ion Ratio Lower Upper
 152 100
 150 152.7 121.0 181.6
 115 62.0 48.5 72.7

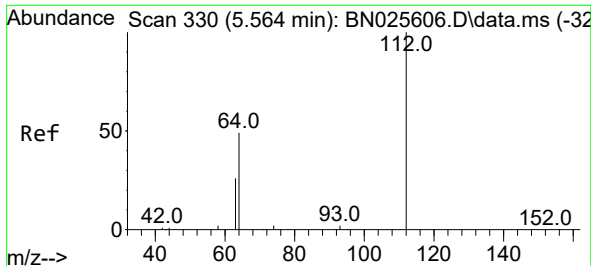


#2
 1,4-Dioxane
 Concen: 0.332 ng
 RT: 3.397 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BN025654.D
 Acq: 27 May 2023 20:35



Tgt Ion: 88 Resp: 2145
 Ion Ratio Lower Upper
 88 100
 43 46.3 26.5 39.7#
 58 67.9 56.8 85.2

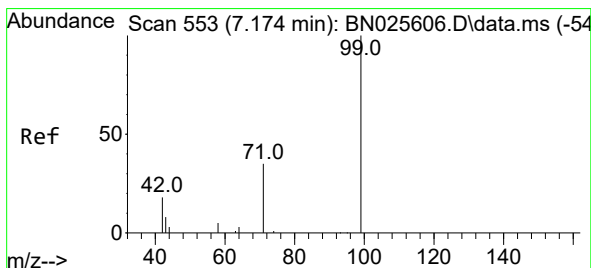
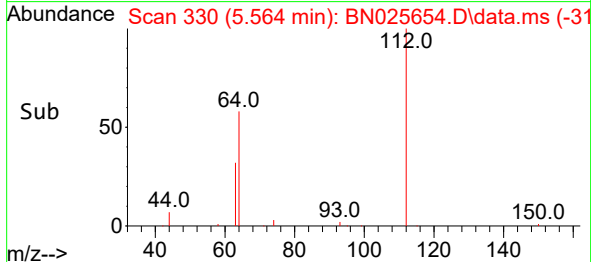
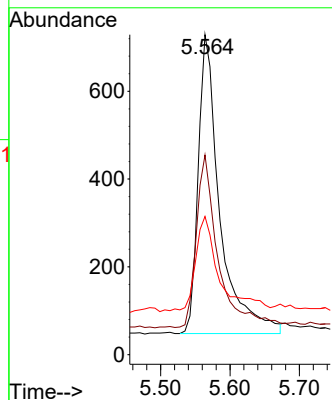
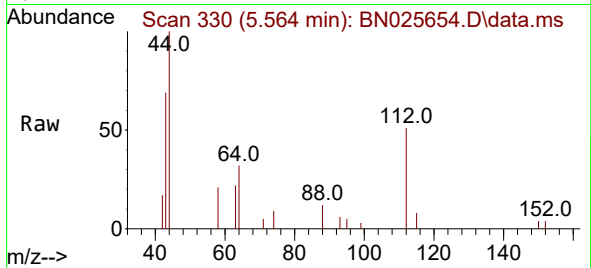




#4
2-Fluorophenol
Concen: 0.103 ng
RT: 5.564 min Scan# 311
Delta R.T. 0.007 min
Lab File: BN025654.D
Acq: 27 May 2023 20:35

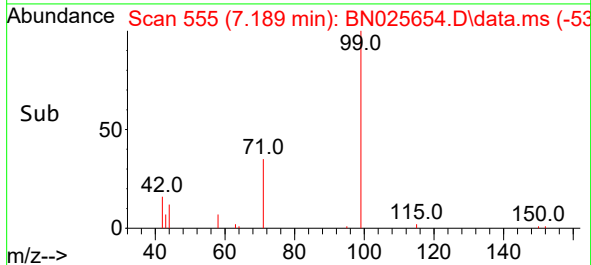
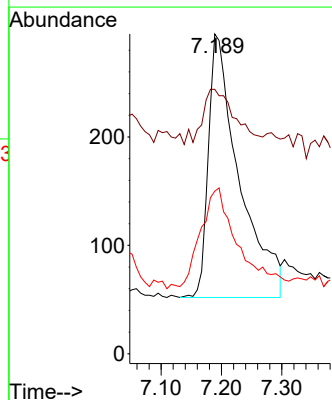
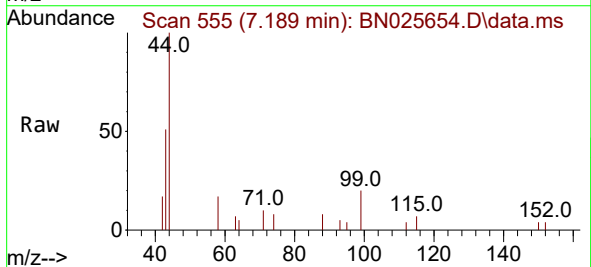
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TT205S1-20230522

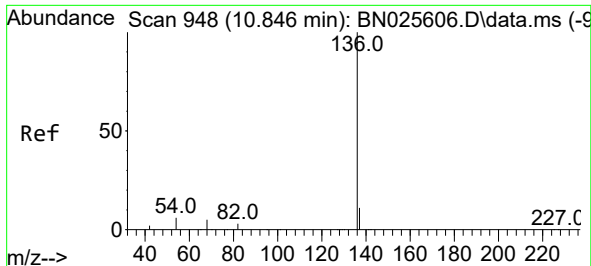
Tgt Ion:112 Resp: 1476
Ion Ratio Lower Upper
112 100
64 58.5 45.7 68.5
63 33.9 26.2 39.2



#5
Phenol-d6
Concen: 0.050 ng
RT: 7.189 min Scan# 555
Delta R.T. 0.014 min
Lab File: BN025654.D
Acq: 27 May 2023 20:35

Tgt Ion: 99 Resp: 861
Ion Ratio Lower Upper
99 100
42 22.3 17.1 25.7
71 42.2 29.3 43.9

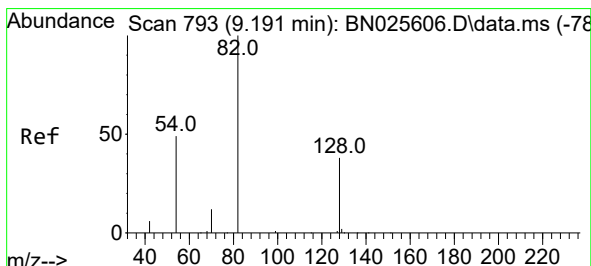
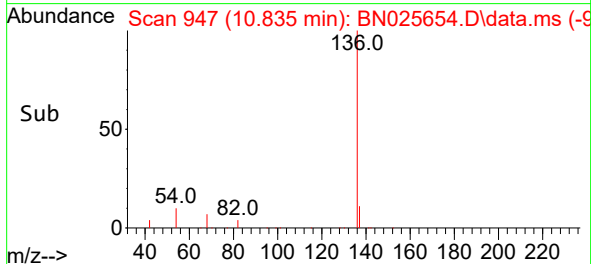
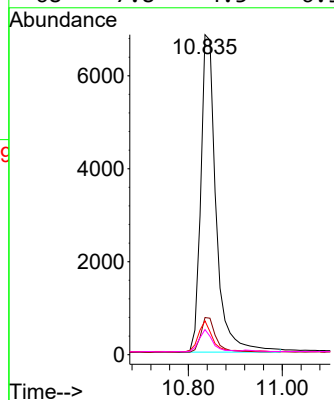
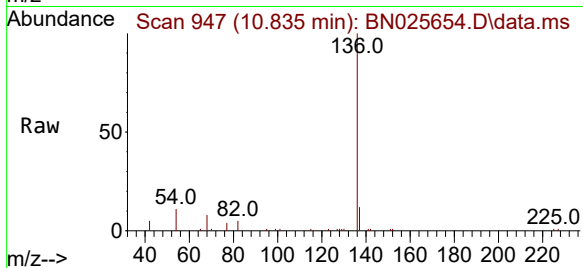




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN025654.D
Acq: 27 May 2023 20:35

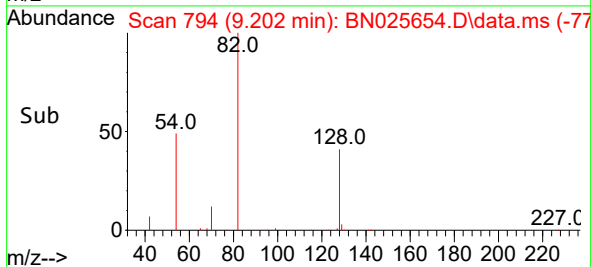
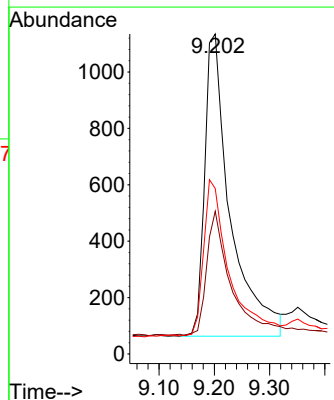
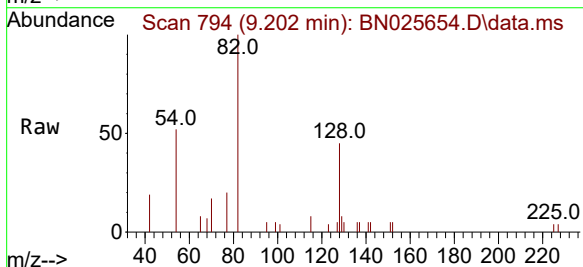
Instrument :
BNA_N
ClientSampleId :
TT205S1-20230522

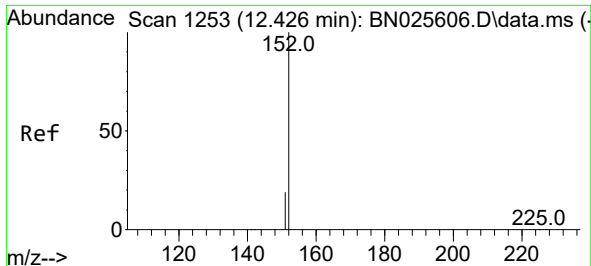
Tgt Ion:136	Resp:	15457
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.1 13.7
54	10.6	5.4 8.0#
68	7.8	4.3 6.5#



#8
Nitrobenzene-d5
Concen: 0.267 ng
RT: 9.202 min Scan# 794
Delta R.T. 0.011 min
Lab File: BN025654.D
Acq: 27 May 2023 20:35

Tgt Ion: 82	Resp:	3459
Ion Ratio	Lower	Upper
82	100	
128	44.6	32.5 48.7
54	51.7	40.6 60.8





#11

2-Methylnaphthalene-d10

Concen: 0.310 ng

RT: 12.423 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN025654.D

Acq: 27 May 2023 20:35

Instrument :

BNA_N

ClientSampleId :

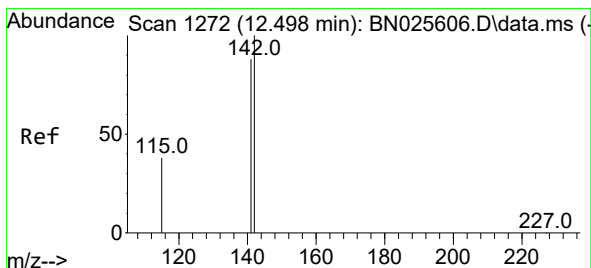
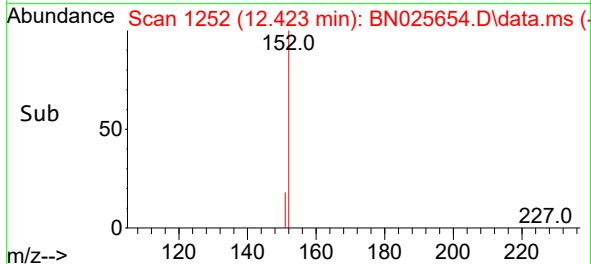
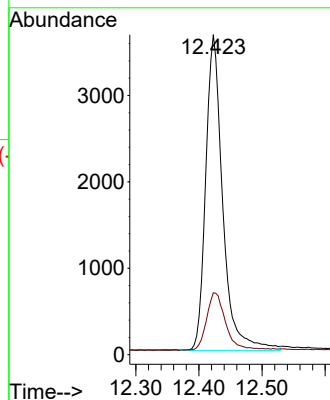
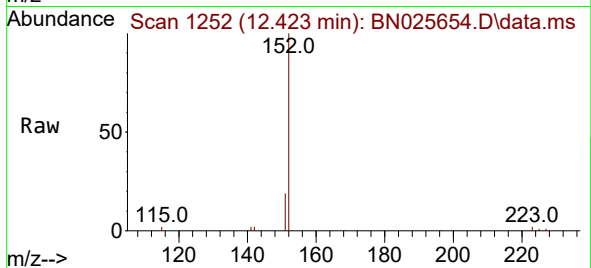
TT205S1-20230522

Tgt Ion:152 Resp: 6837

Ion Ratio Lower Upper

152 100

151 20.3 16.1 24.1



#12

2-Methylnaphthalene

Concen: 0.040 ng

RT: 12.498 min Scan# 1272

Delta R.T. 0.004 min

Lab File: BN025654.D

Acq: 27 May 2023 20:35

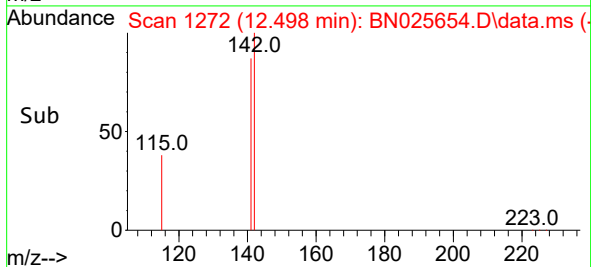
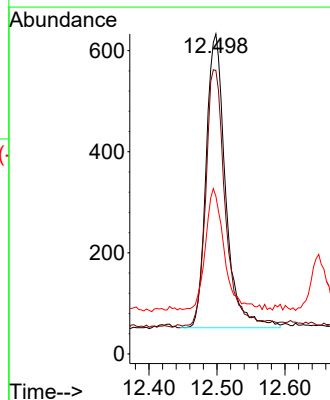
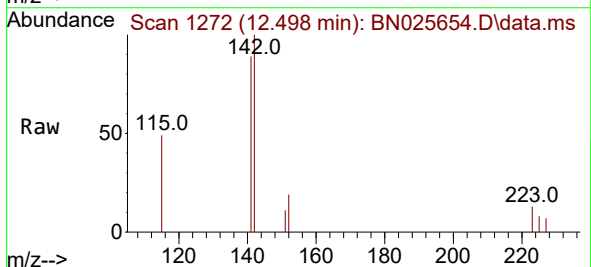
Tgt Ion:142 Resp: 1157

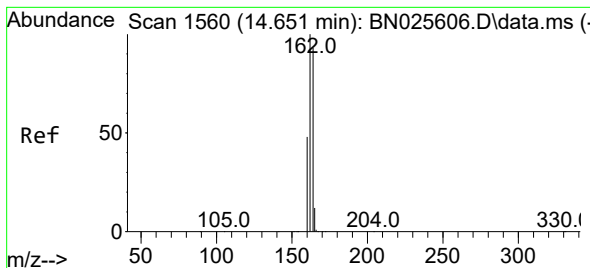
Ion Ratio Lower Upper

142 100

141 88.6 70.7 106.1

115 49.3 31.5 47.3#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.651 min Scan# 1560

Delta R.T. -0.000 min

Lab File: BN025654.D

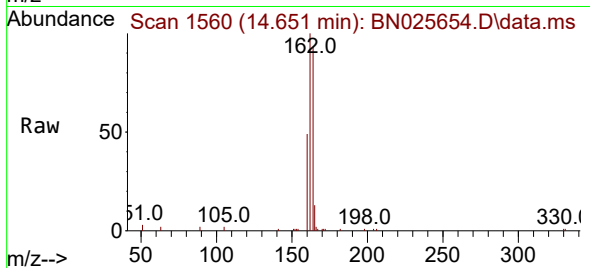
Acq: 27 May 2023 20:35

Instrument :

BNA_N

ClientSampleId :

TT205S1-20230522



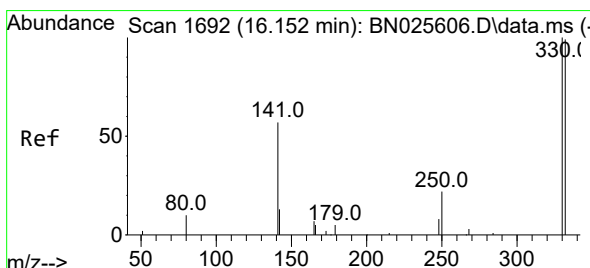
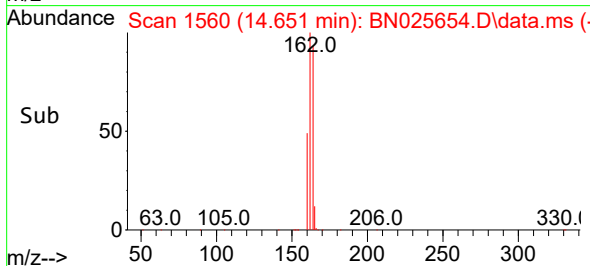
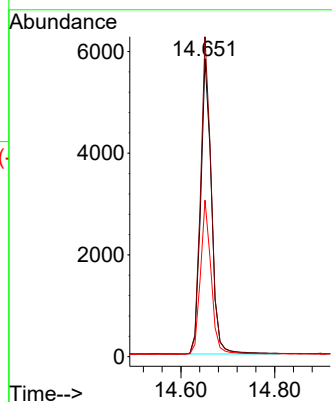
Tgt Ion:164 Resp: 9315

Ion Ratio Lower Upper

164 100

162 107.4 86.4 129.6

160 52.5 41.9 62.9



#14

2,4,6-Tribromophenol

Concen: 0.414 ng

RT: 16.152 min Scan# 1692

Delta R.T. -0.000 min

Lab File: BN025654.D

Acq: 27 May 2023 20:35

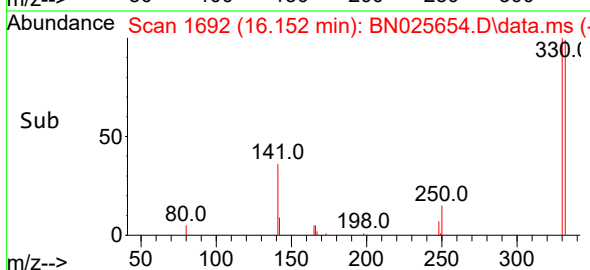
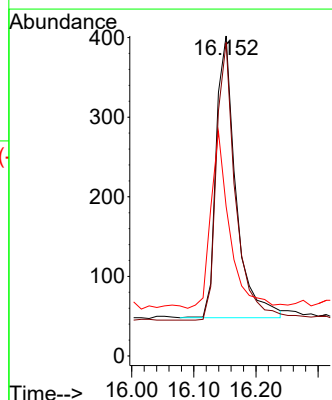
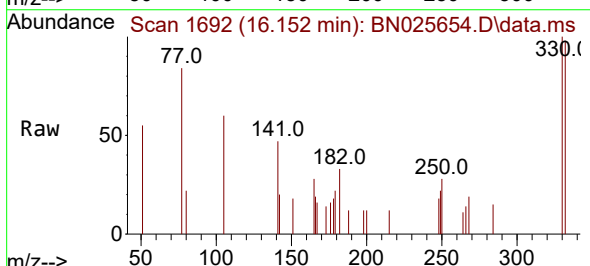
Tgt Ion:330 Resp: 780

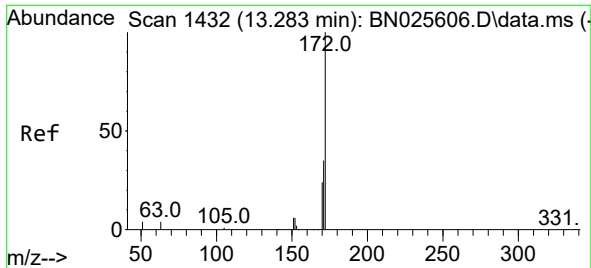
Ion Ratio Lower Upper

330 100

332 96.3 80.0 120.0

141 60.6 45.8 68.6

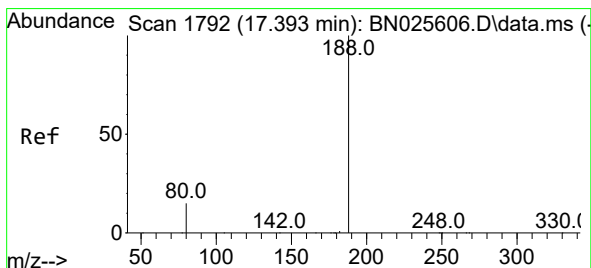
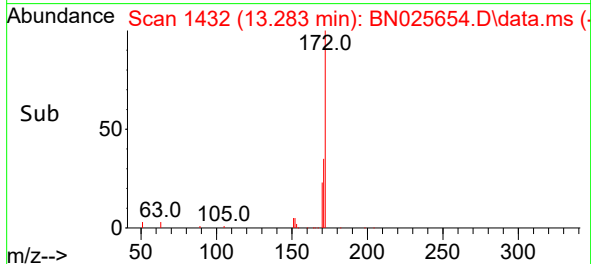
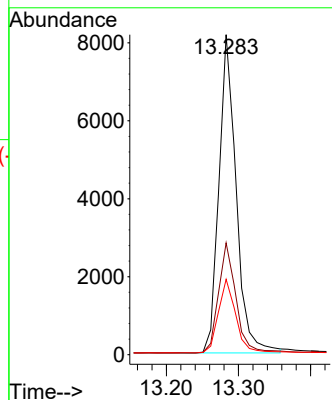
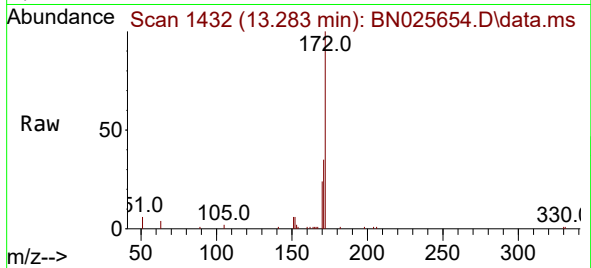




#15
2-Fluorobiphenyl
Concen: 0.351 ng
RT: 13.283 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN025654.D
Acq: 27 May 2023 20:35

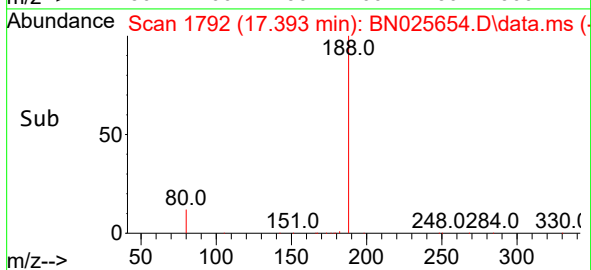
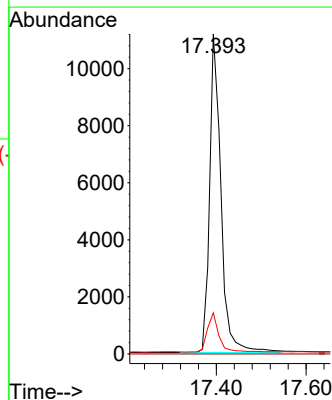
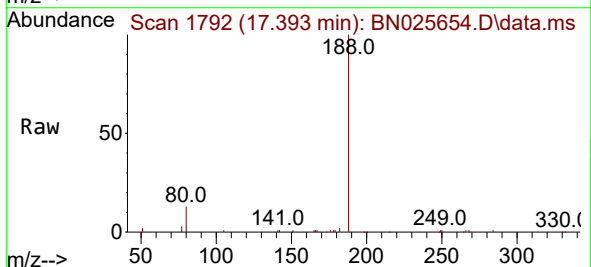
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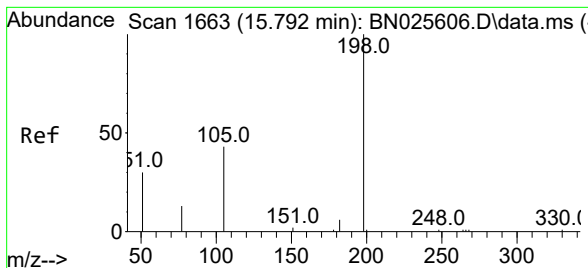
Tgt Ion:172 Resp: 13513
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 23.5 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BN025654.D
Acq: 27 May 2023 20:35

Tgt Ion:188 Resp: 19553
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.8 12.2 18.2

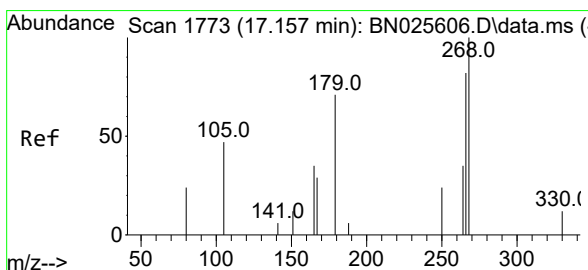
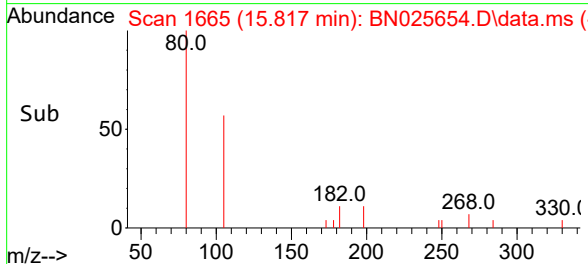
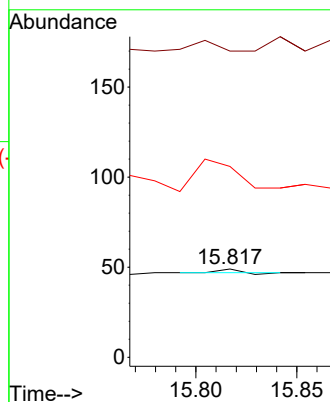
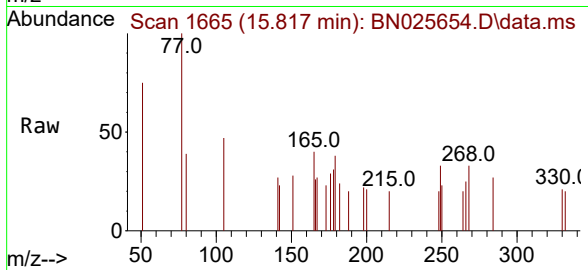




#20
4,6-Dinitro-2-methylphenol
Concen: 0.114 ng
RT: 15.817 min Scan# 1
Delta R.T. 0.025 min
Lab File: BN025654.D
Acq: 27 May 2023 20:35

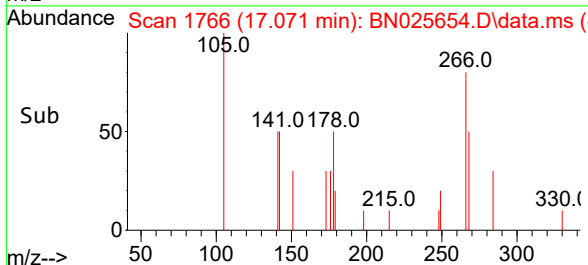
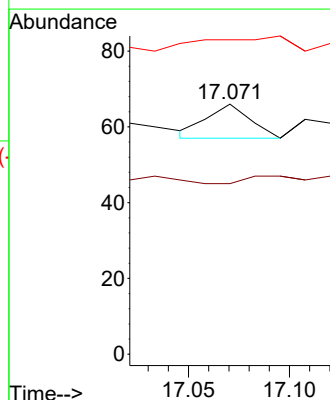
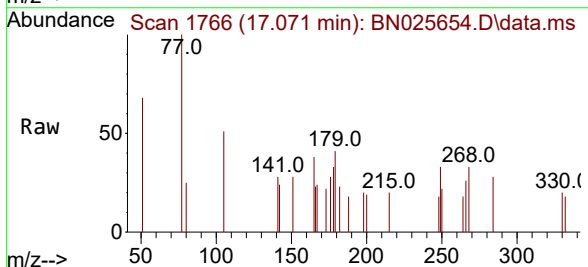
Instrument :
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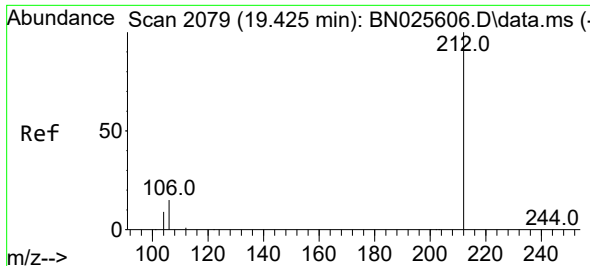
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 346.9 110.8 166.2#
105 216.3 61.9 92.9#



#24
Pentachlorophenol
Concen: 0.376 ng
RT: 17.071 min Scan# 1766
Delta R.T. -0.000 min
Lab File: BN025654.D
Acq: 27 May 2023 20:35

Tgt Ion:266 Resp: 13
Ion Ratio Lower Upper
266 100
264 30.8 60.0 90.0#
268 0.0 0.0 0.0

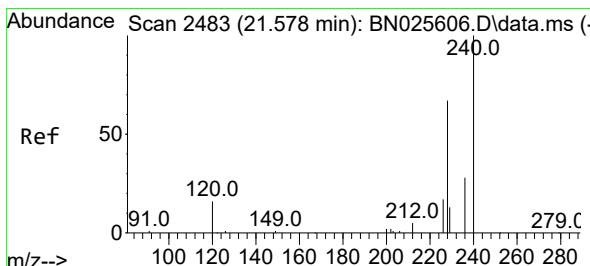
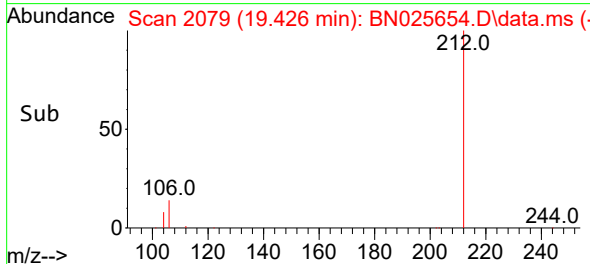
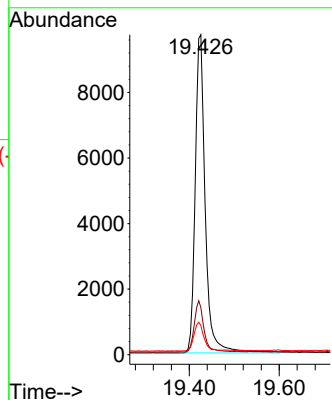
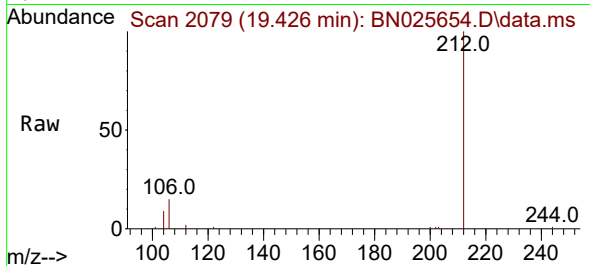




#27
Fluoranthene-d10
Concen: 0.341 ng
RT: 19.426 min Scan# 2079
Delta R.T. 0.005 min
Lab File: BN025654.D
Acq: 27 May 2023 20:35

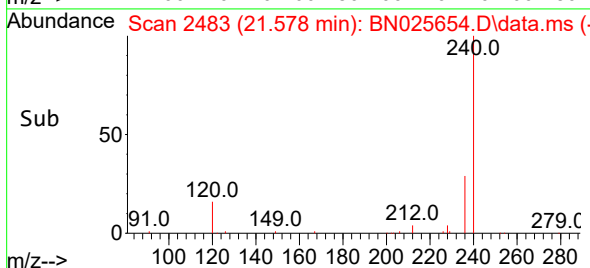
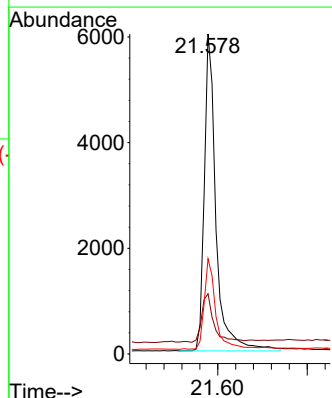
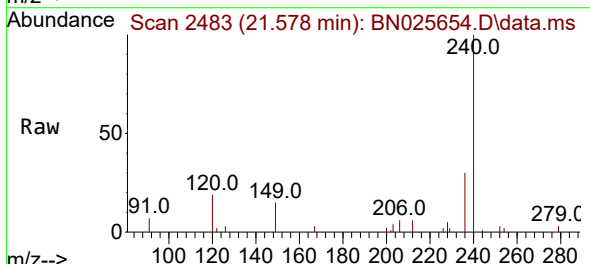
Instrument :
BNA_N
ClientSampleId :
TT205S1-20230522

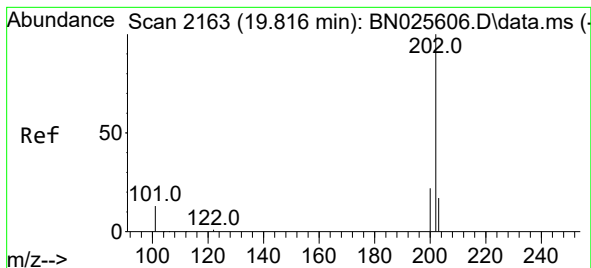
Tgt Ion:212 Resp: 15098
Ion Ratio Lower Upper
212 100
106 15.2 12.3 18.5
104 8.9 7.2 10.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 2483
Delta R.T. -0.000 min
Lab File: BN025654.D
Acq: 27 May 2023 20:35

Tgt Ion:240 Resp: 10909
Ion Ratio Lower Upper
240 100
120 18.8 15.4 23.0
236 29.8 23.2 34.8





#30

Pyrene

Concen: 0.021 ng

RT: 19.820 min Scan# 21

Delta R.T. 0.005 min

Lab File: BN025654.D

Acq: 27 May 2023 20:35

Instrument :

BNA_N

ClientSampleId :

TT205S1-20230522

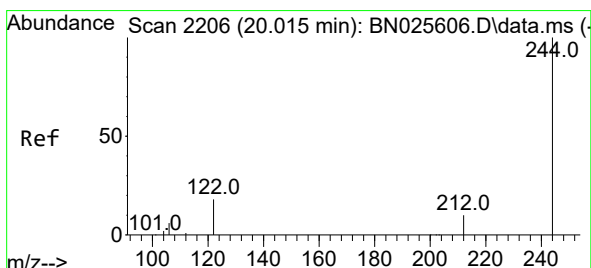
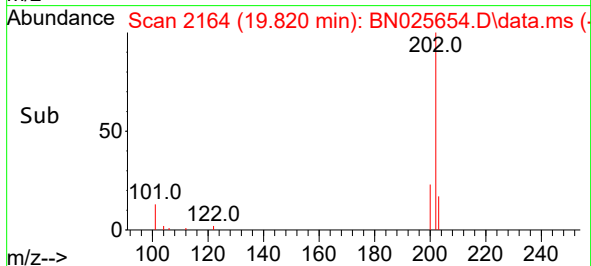
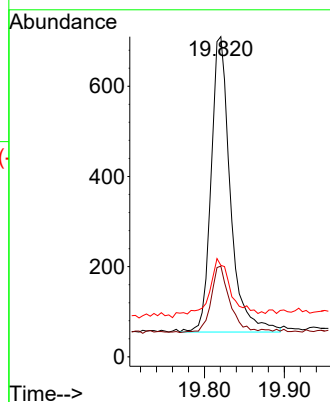
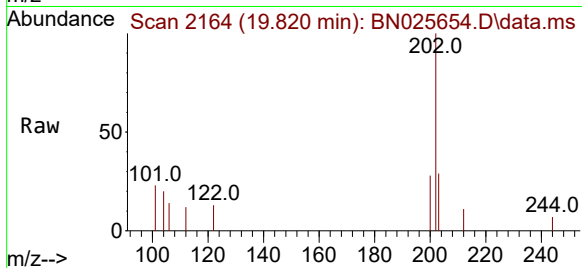
Tgt Ion:202 Resp: 1094

Ion Ratio Lower Upper

202 100

200 21.8 17.1 25.7

203 24.2 14.5 21.7#



#31

Terphenyl-d14

Concen: 0.494 ng

RT: 20.011 min Scan# 2205

Delta R.T. -0.005 min

Lab File: BN025654.D

Acq: 27 May 2023 20:35

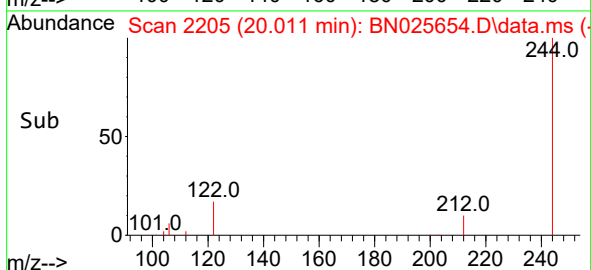
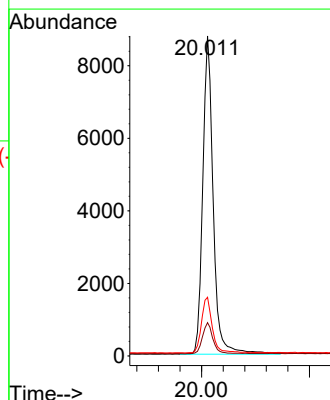
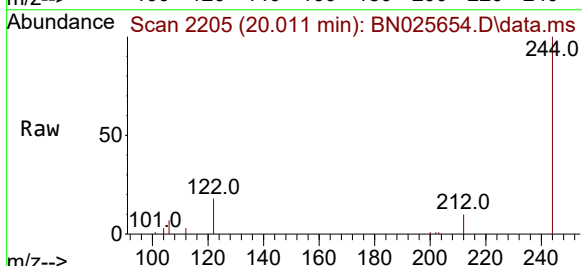
Tgt Ion:244 Resp: 11796

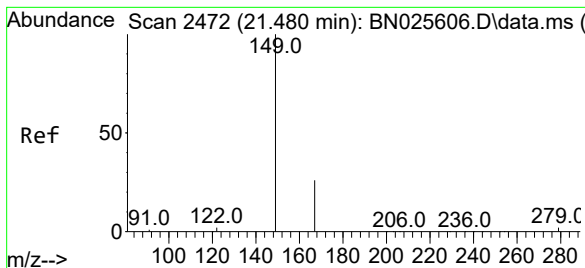
Ion Ratio Lower Upper

244 100

212 10.4 8.5 12.7

122 18.4 14.9 22.3

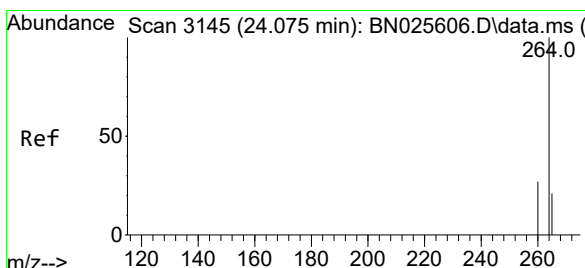
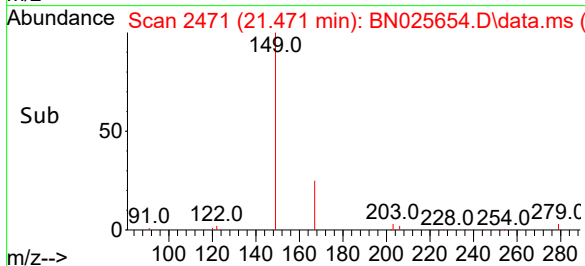
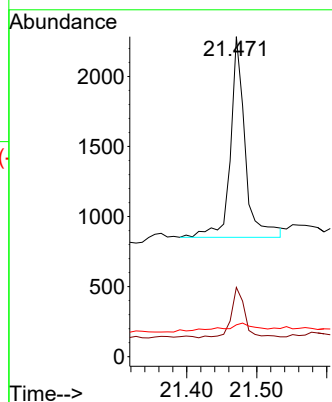
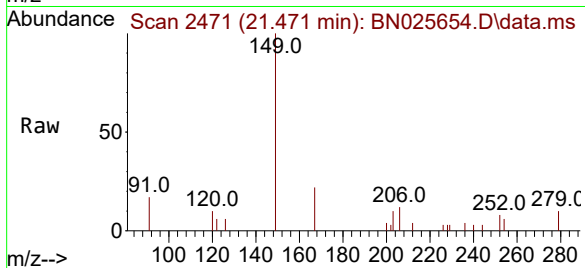




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.084 ng
 RT: 21.471 min Scan# 2471
 Delta R.T. -0.000 min
 Lab File: BN025654.D
 Acq: 27 May 2023 20:35

Instrument :
 BNA_N
 ClientSampleId :
 TT205S1-20230522

Tgt Ion:149 Resp: 2084
 Ion Ratio Lower Upper
 149 100
 167 24.0 20.4 30.6
 279 7.3 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.072 min Scan# 3144
 Delta R.T. 0.003 min
 Lab File: BN025654.D
 Acq: 27 May 2023 20:35

Tgt Ion:264 Resp: 9181
 Ion Ratio Lower Upper
 264 100
 260 27.6 22.3 33.5
 265 62.6 54.3 81.5

