

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025652.D
 Acq On : 27 May 2023 19:24
 Operator : CG/JU
 Sample : 02880-18
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT163S1-20230519

Quant Time: May 29 00:54:30 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)

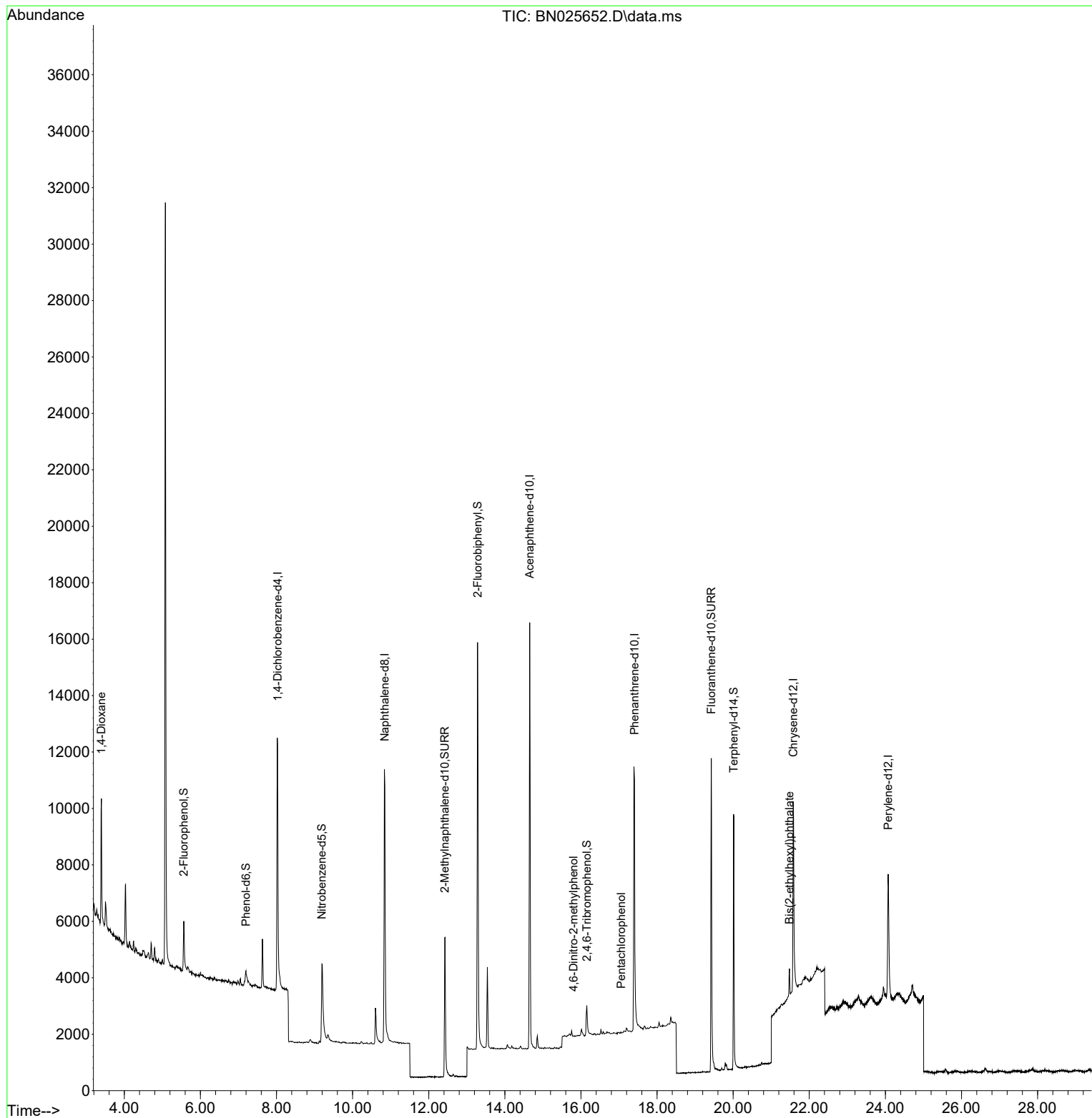
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.027	152	5661	0.400	ng	0.00
7) Naphthalene-d8	10.846	136	15721	0.400	ng	0.01
13) Acenaphthene-d10	14.651	164	8827	0.400	ng	0.00
19) Phenanthrene-d10	17.406	188	17243	0.400	ng	# 0.01
29) Chrysene-d12	21.578	240	8712	0.400	ng	0.00
35) Perylene-d12	24.075	264	8038	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	1839	0.127	ng	0.00
5) Phenol-d6	7.196	99	1012	0.058	ng	0.02
8) Nitrobenzene-d5	9.191	82	4217	0.320	ng	0.00
11) 2-Methylnaphthalene-d10	12.423	152	8349	0.372	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	777	0.435	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	14000	0.384	ng	0.00
27) Fluoranthene-d10	19.425	212	14012	0.359	ng	0.00
31) Terphenyl-d14	20.015	244	9505	0.498	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.397	88	2788	0.425	ng	Qvalue 96
20) 4,6-Dinitro-2-methylph...	15.804	198	7	0.116	ng	# 1
24) Pentachlorophenol	17.058	266	11	0.375	ng	# 12
34) Bis(2-ethylhexyl)phtha...	21.480	149	1356	0.069	ng	# 86

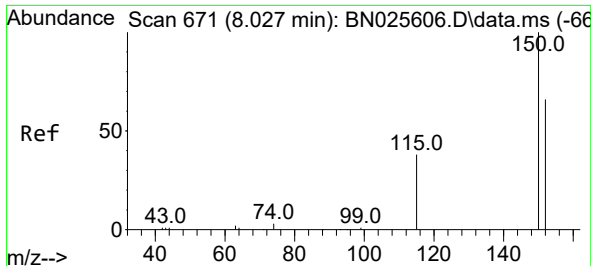
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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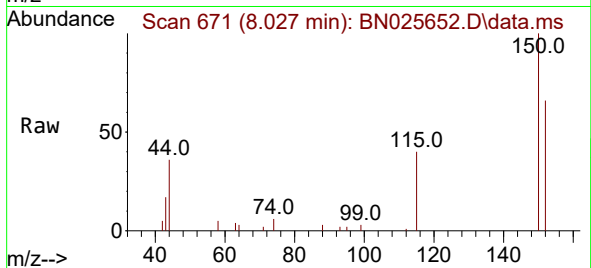
Quant Time: May 29 00:54:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
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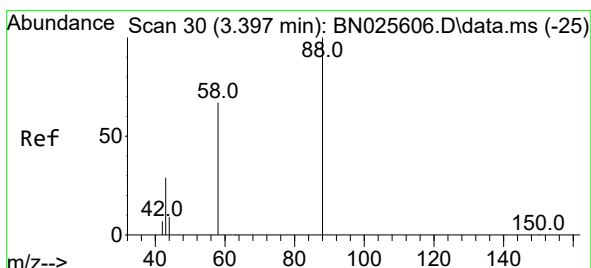
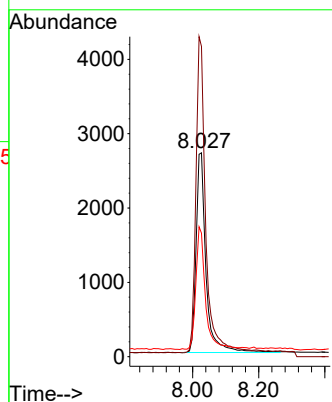
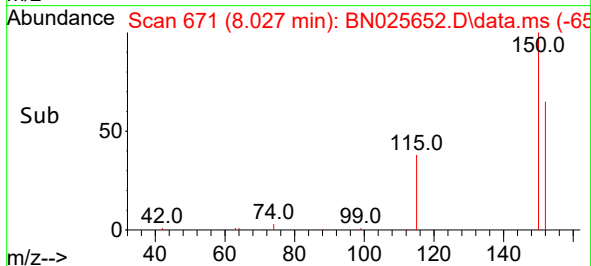


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.027 min Scan# 61
 Delta R.T. 0.008 min
 Lab File: BN025652.D
 Acq: 27 May 2023 19:24

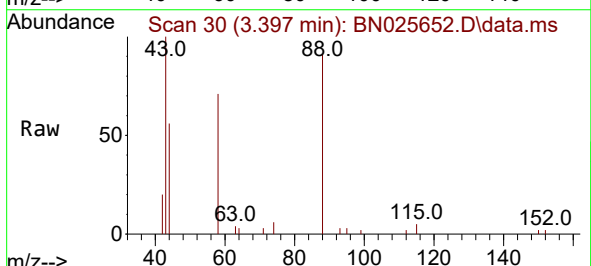
Instrument :
 BNA_N
 ClientSampleId :
 TT163S1-20230519



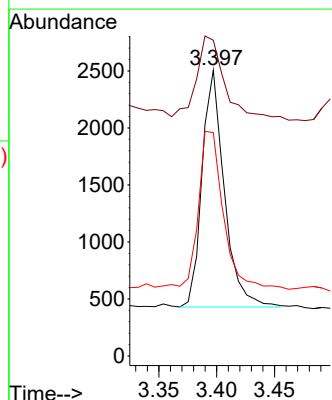
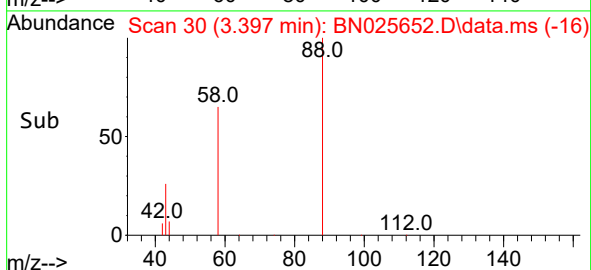
Tgt Ion:152 Resp: 5661
 Ion Ratio Lower Upper
 152 100
 150 152.2 121.0 181.6
 115 60.6 48.5 72.7

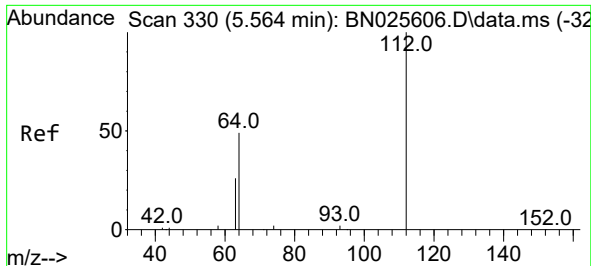


#2
 1,4-Dioxane
 Concen: 0.425 ng
 RT: 3.397 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BN025652.D
 Acq: 27 May 2023 19:24



Tgt Ion: 88 Resp: 2788
 Ion Ratio Lower Upper
 88 100
 43 39.7 26.5 39.7
 58 70.4 56.8 85.2





#4

2-Fluorophenol

Concen: 0.127 ng

RT: 5.564 min Scan# 31

Delta R.T. 0.007 min

Lab File: BN025652.D

Acq: 27 May 2023 19:24

Instrument :

BNA_N

ClientSampleId :

TT163S1-20230519

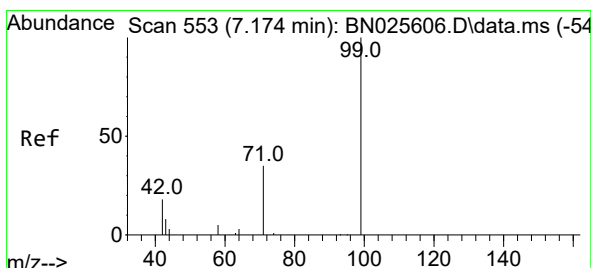
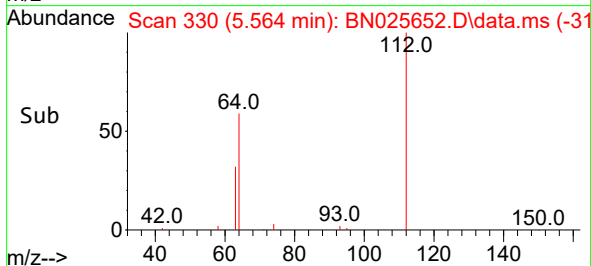
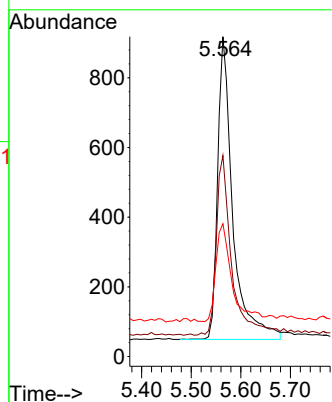
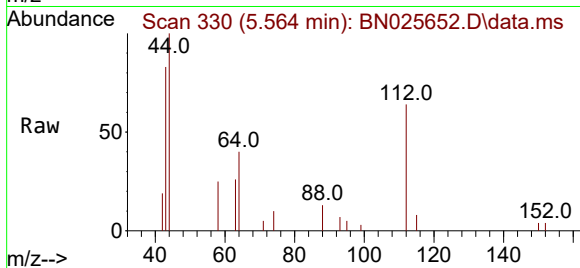
Tgt Ion:112 Resp: 1839

Ion Ratio Lower Upper

112 100

64 60.1 45.7 68.5

63 34.4 26.2 39.2



#5

Phenol-d6

Concen: 0.058 ng

RT: 7.196 min Scan# 556

Delta R.T. 0.021 min

Lab File: BN025652.D

Acq: 27 May 2023 19:24

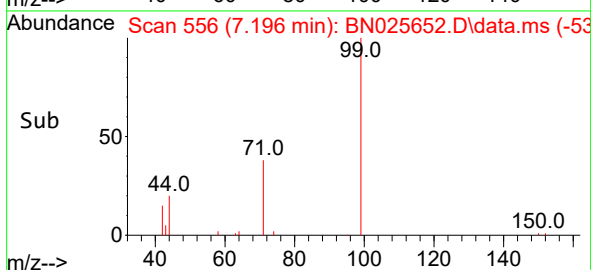
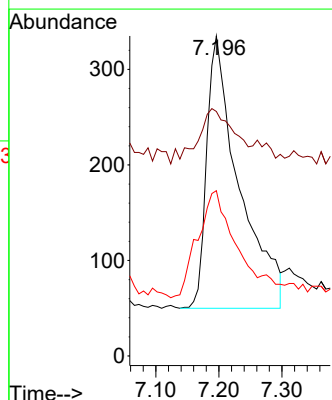
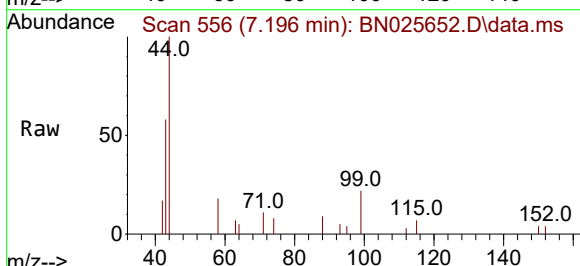
Tgt Ion: 99 Resp: 1012

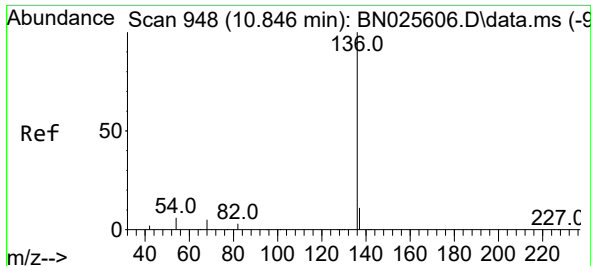
Ion Ratio Lower Upper

99 100

42 22.6 17.1 25.7

71 49.2 29.3 43.9#

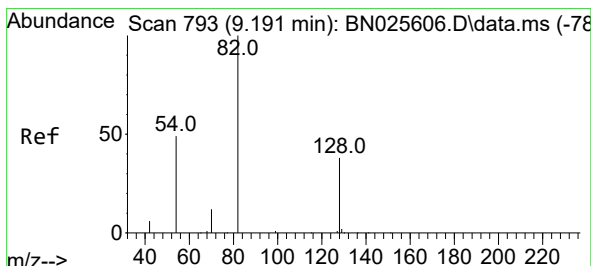
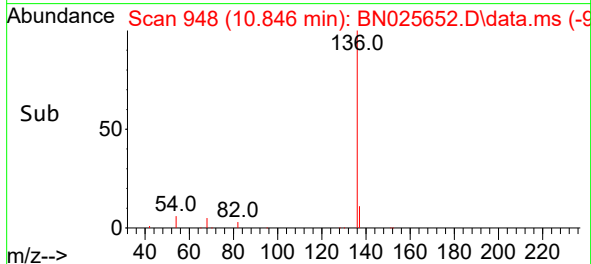
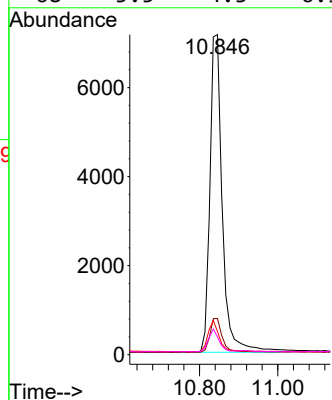
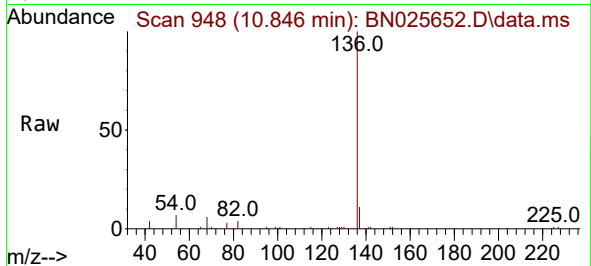




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.846 min Scan# 948
Delta R.T. 0.011 min
Lab File: BN025652.D
Acq: 27 May 2023 19:24

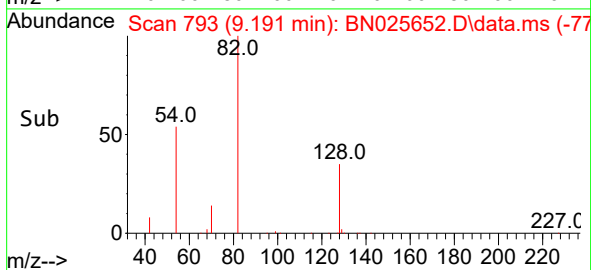
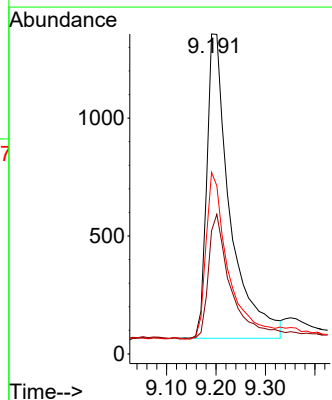
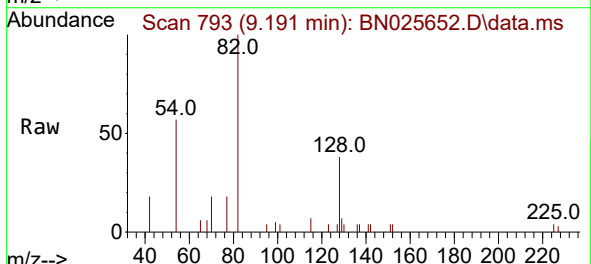
Instrument :
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ClientSampleId :
TT163S1-20230519

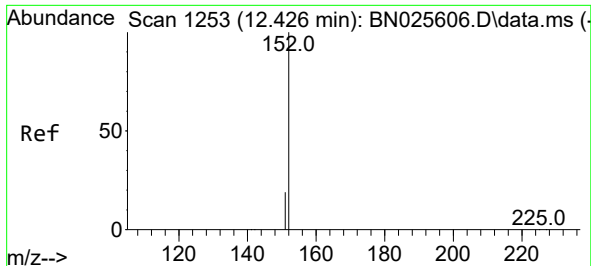
Tgt Ion:	136	Resp:	15721
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.2	5.4	8.0
68	5.5	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.320 ng
RT: 9.191 min Scan# 793
Delta R.T. -0.000 min
Lab File: BN025652.D
Acq: 27 May 2023 19:24

Tgt Ion:	82	Resp:	4217
Ion	Ratio	Lower	Upper
82	100		
128	38.5	32.5	48.7
54	56.7	40.6	60.8

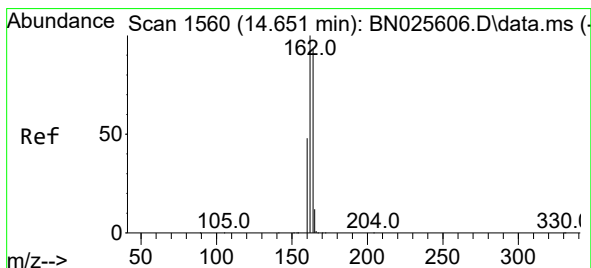
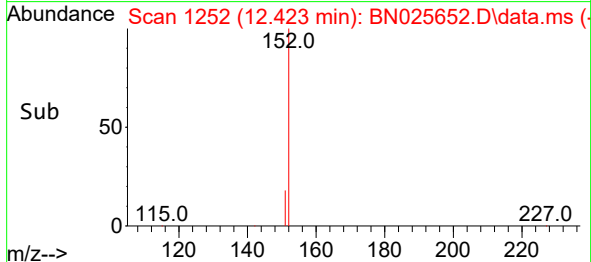
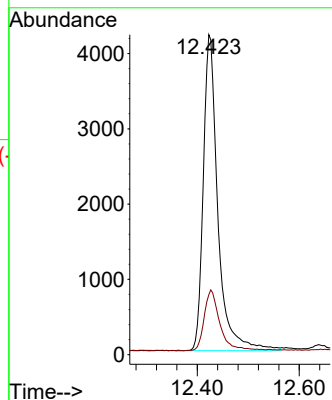
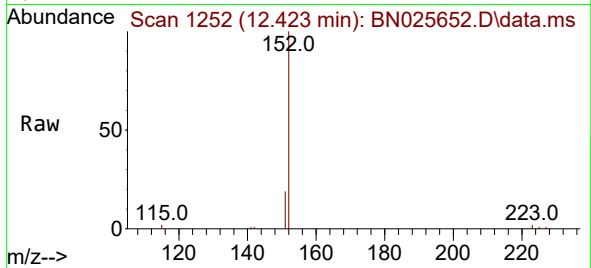




#11
2-Methylnaphthalene-d10
Concen: 0.372 ng
RT: 12.423 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN025652.D
Acq: 27 May 2023 19:24

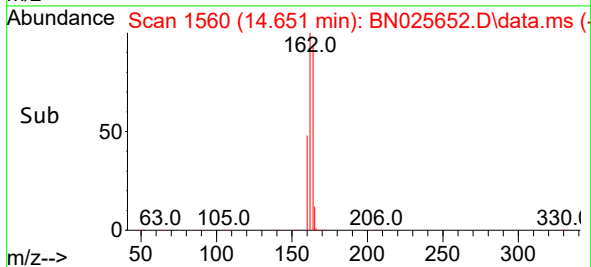
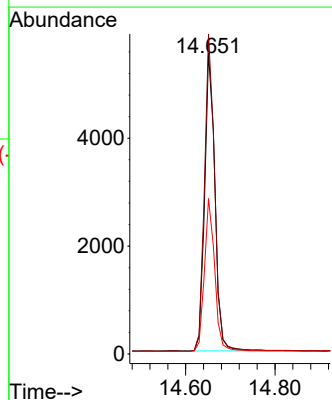
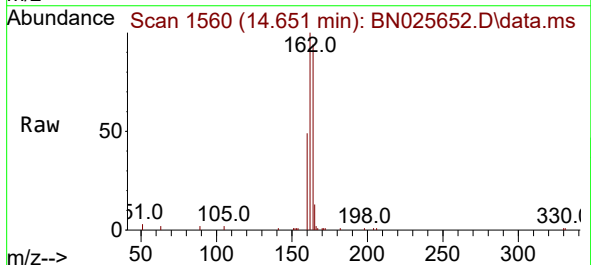
Instrument :
BNA_N
ClientSampleId :
TT163S1-20230519

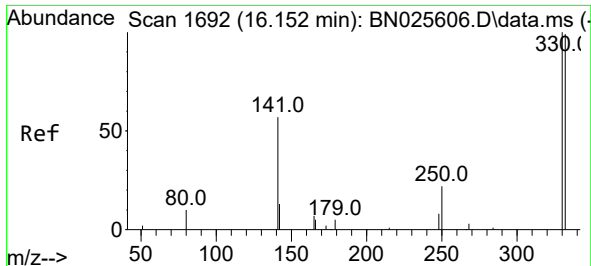
Tgt Ion:152 Resp: 8349
Ion Ratio Lower Upper
152 100
151 20.7 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BN025652.D
Acq: 27 May 2023 19:24

Tgt Ion:164 Resp: 8827
Ion Ratio Lower Upper
164 100
162 106.4 86.4 129.6
160 51.7 41.9 62.9

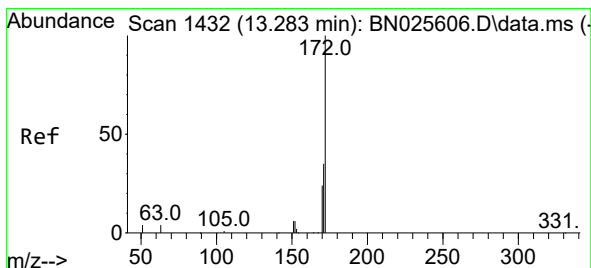
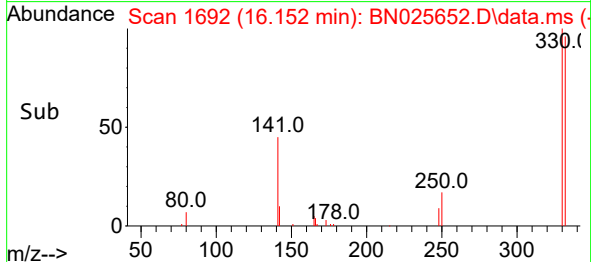
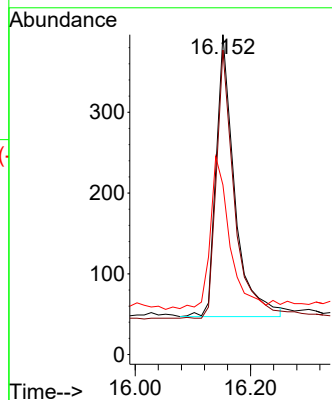
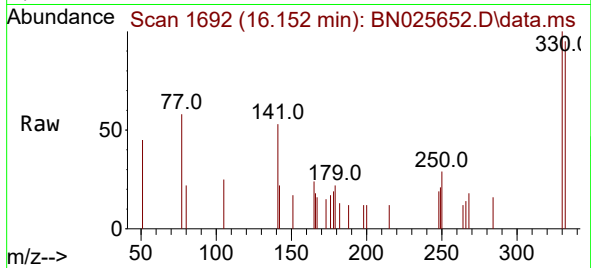




#14
2,4,6-Tribromophenol
Concen: 0.435 ng
RT: 16.152 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN025652.D
Acq: 27 May 2023 19:24

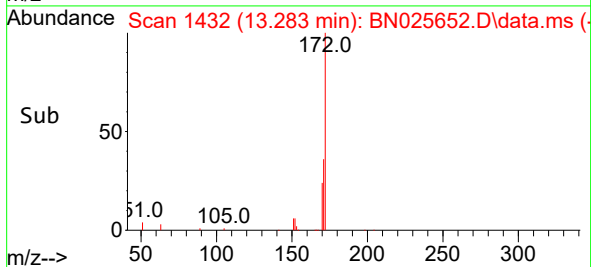
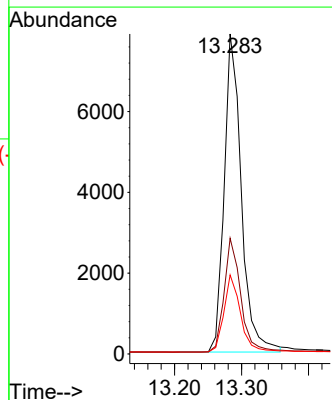
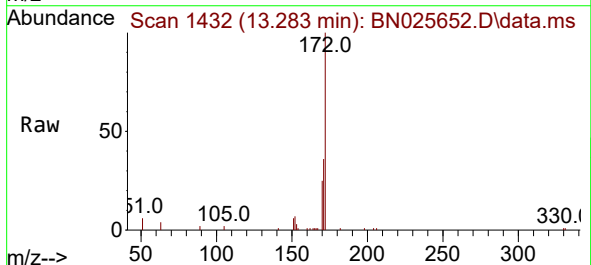
Instrument :
BNA_N
ClientSampleId :
TT163S1-20230519

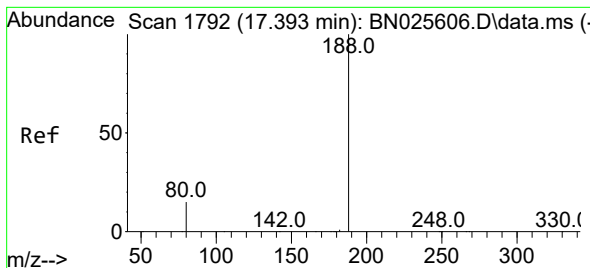
Tgt Ion: 330 Resp: 777
Ion Ratio Lower Upper
330 100
332 93.2 80.0 120.0
141 55.9 45.8 68.6



#15
2-Fluorobiphenyl
Concen: 0.384 ng
RT: 13.283 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN025652.D
Acq: 27 May 2023 19:24

Tgt Ion: 172 Resp: 14000
Ion Ratio Lower Upper
172 100
171 36.1 28.6 42.8
170 24.7 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.406 min Scan# 1

Delta R.T. 0.012 min

Lab File: BN025652.D

Acq: 27 May 2023 19:24

Instrument :

BNA_N

ClientSampleId :

TT163S1-20230519

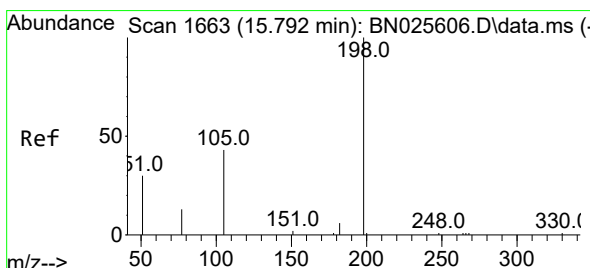
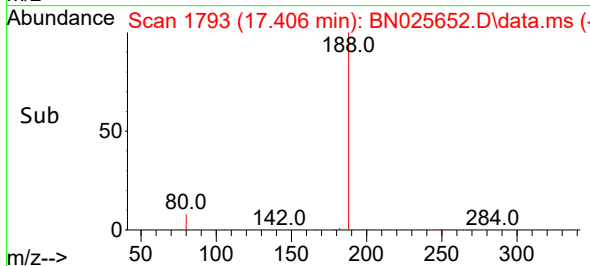
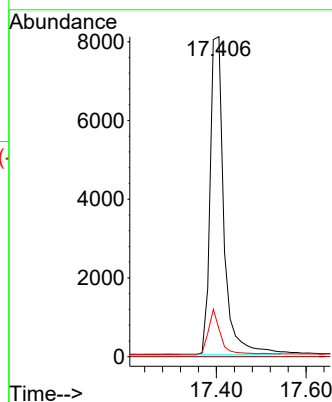
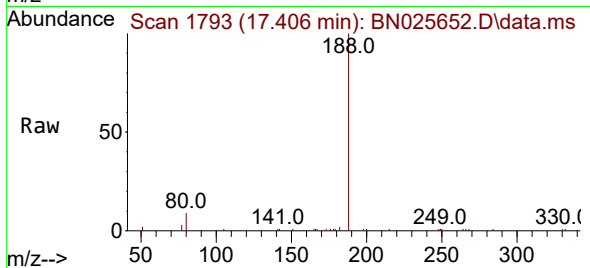
Tgt Ion:188 Resp: 17243

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.8 12.2 18.2#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.116 ng

RT: 15.804 min Scan# 1664

Delta R.T. 0.012 min

Lab File: BN025652.D

Acq: 27 May 2023 19:24

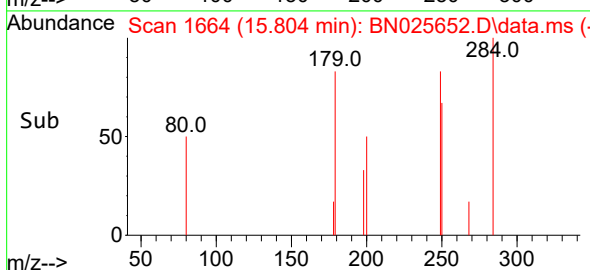
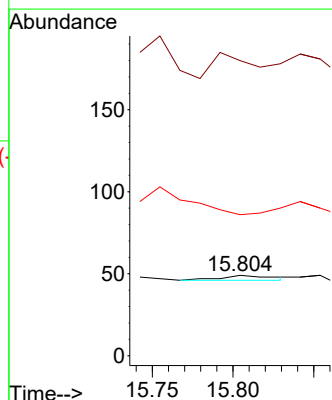
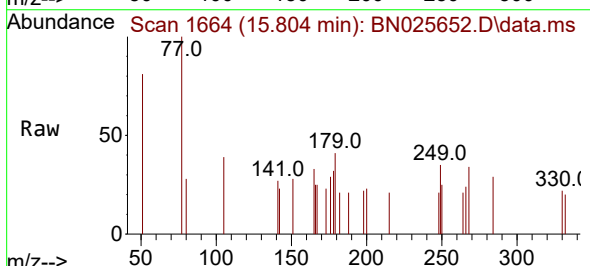
Tgt Ion:198 Resp: 7

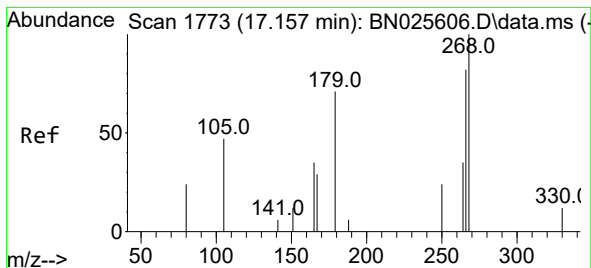
Ion Ratio Lower Upper

198 100

51 367.3 110.8 166.2#

105 175.5 61.9 92.9#





#24

Pentachlorophenol

Concen: 0.375 ng

RT: 17.058 min Scan# 1765

Delta R.T. -0.013 min

Lab File: BN025652.D

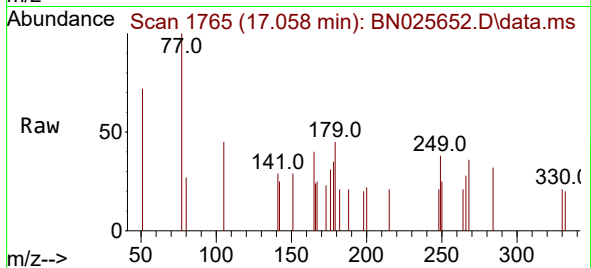
Acq: 27 May 2023 19:24

Instrument :

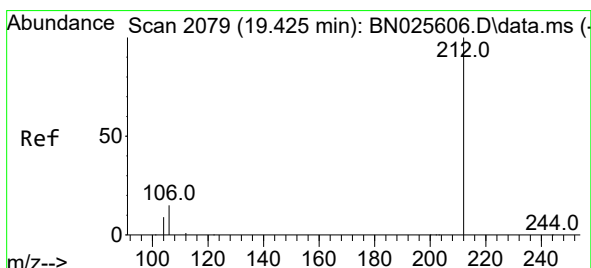
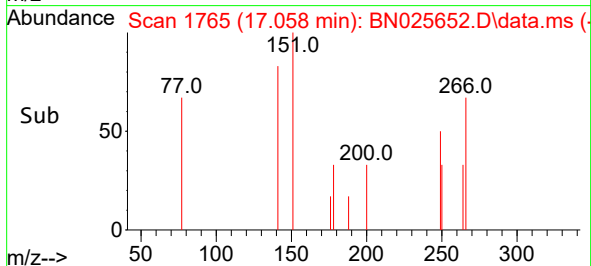
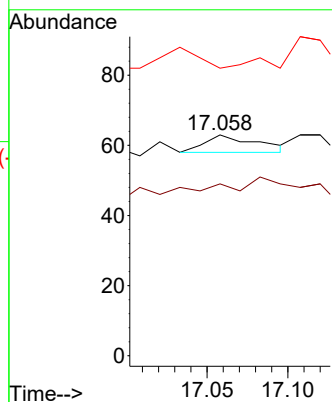
BNA_N

ClientSampleId :

TT163S1-20230519



Tgt Ion:	266	Resp:	11
Ion Ratio	Lower	Upper	
266	100		
264	0.0	60.0	90.0#
268	0.0	0.0	0.0



#27

Fluoranthene-d10

Concen: 0.359 ng

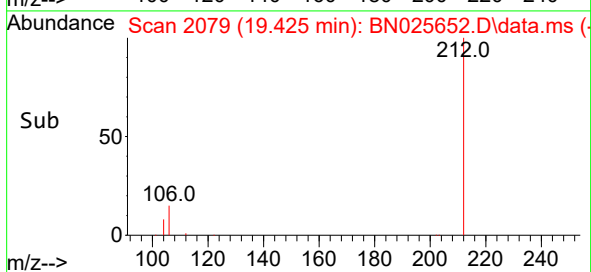
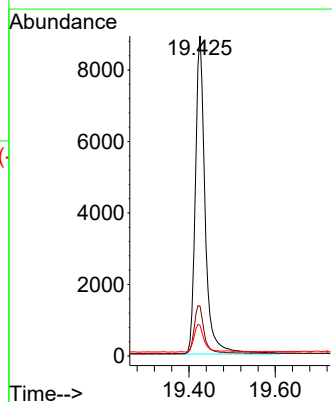
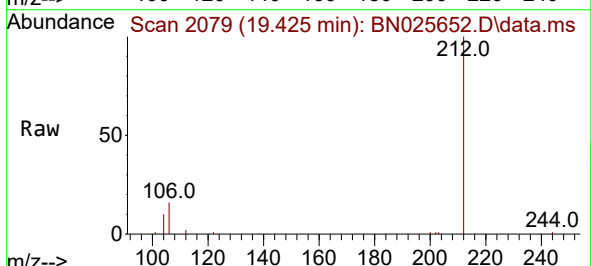
RT: 19.425 min Scan# 2079

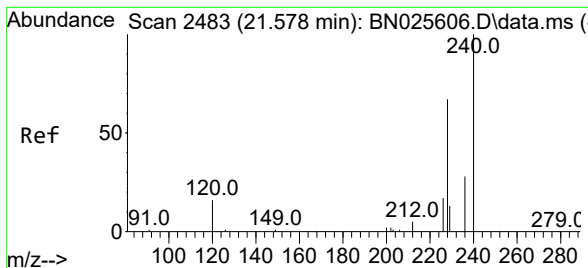
Delta R.T. 0.005 min

Lab File: BN025652.D

Acq: 27 May 2023 19:24

Tgt Ion:	212	Resp:	14012
Ion Ratio	Lower	Upper	
212	100		
106	15.8	12.3	18.5
104	8.8	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: BN025652.D

Acq: 27 May 2023 19:24

Instrument :

BNA_N

ClientSampleId :

TT163S1-20230519

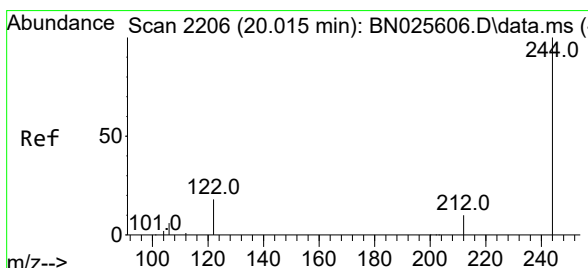
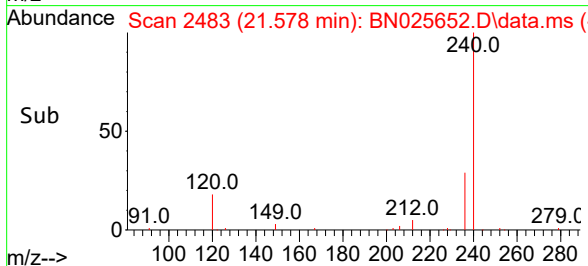
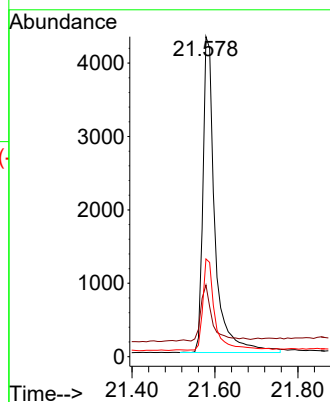
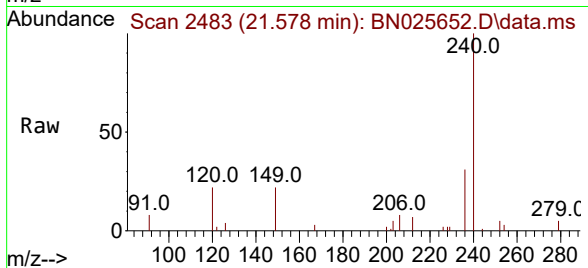
Tgt Ion:240 Resp: 8712

Ion Ratio Lower Upper

240 100

120 22.4 15.4 23.0

236 30.6 23.2 34.8



#31

Terphenyl-d14

Concen: 0.498 ng

RT: 20.015 min Scan# 2206

Delta R.T. -0.000 min

Lab File: BN025652.D

Acq: 27 May 2023 19:24

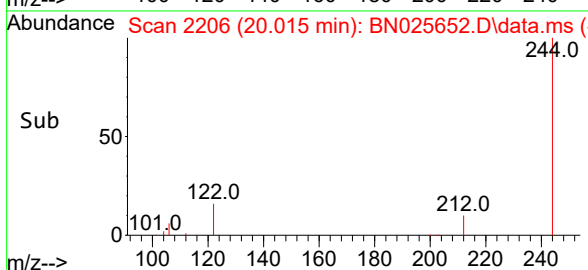
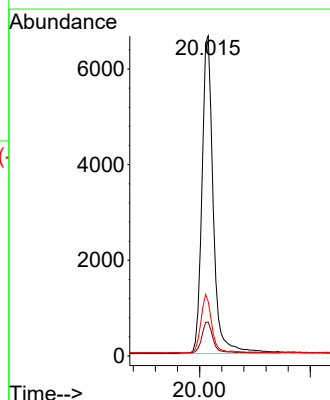
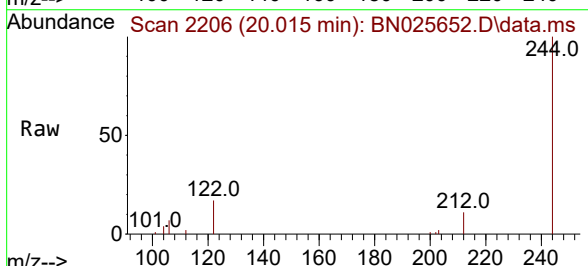
Tgt Ion:244 Resp: 9505

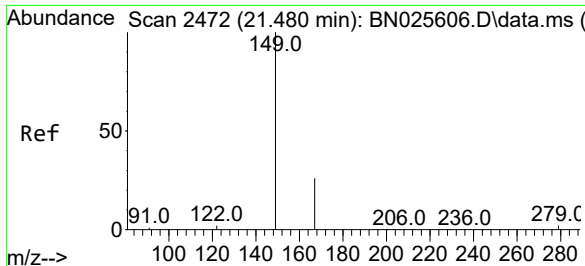
Ion Ratio Lower Upper

244 100

212 10.6 8.5 12.7

122 17.0 14.9 22.3

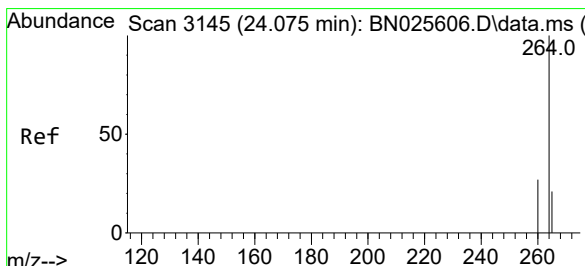
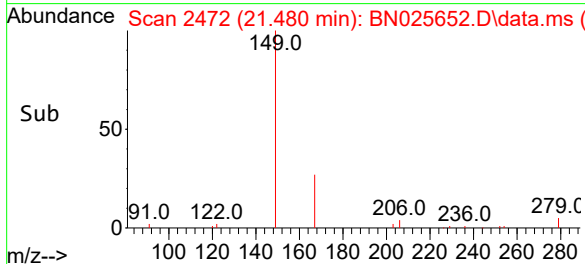
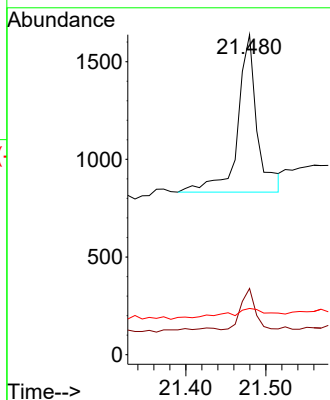
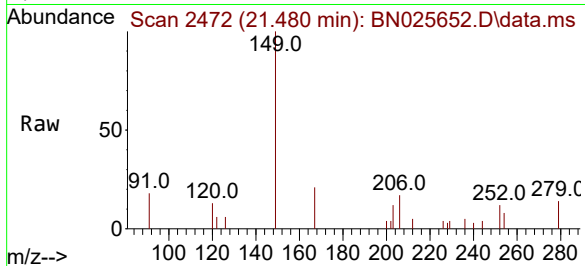




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.069 ng
 RT: 21.480 min Scan# 2472
 Delta R.T. 0.009 min
 Lab File: BN025652.D
 Acq: 27 May 2023 19:24

Instrument :
 BNA_N
 ClientSampleId :
 TT163S1-20230519

Tgt Ion:149 Resp: 1356
 Ion Ratio Lower Upper
 149 100
 167 19.2 20.4 30.6#
 279 11.1 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.075 min Scan# 3145
 Delta R.T. 0.006 min
 Lab File: BN025652.D
 Acq: 27 May 2023 19:24

Tgt Ion:264 Resp: 8038
 Ion Ratio Lower Upper
 264 100
 260 27.3 22.3 33.5
 265 70.9 54.3 81.5

