

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025655.D
 Acq On : 27 May 2023 21:11
 Operator : CG/JU
 Sample : 02911-05
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT162S1-20230522

Quant Time: May 29 00:55:03 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)

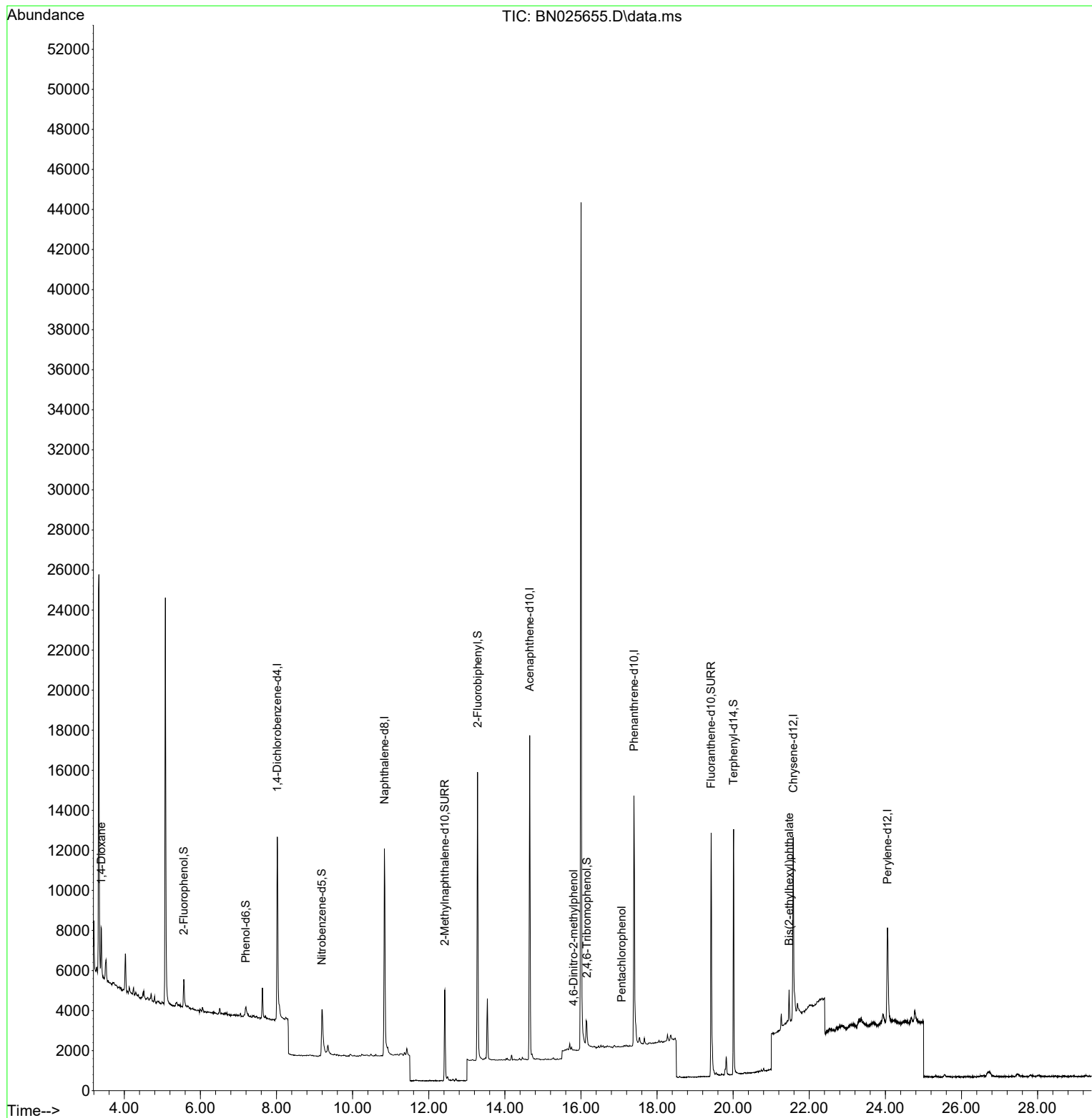
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	5577	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	15592	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	9186	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	18865	0.400	ng	0.00
29) Chrysene-d12	21.578	240	9957	0.400	ng	0.00
35) Perylene-d12	24.057	264	8823	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	1550	0.108	ng	0.00
5) Phenol-d6	7.189	99	851	0.050	ng	0.01
8) Nitrobenzene-d5	9.191	82	3482	0.267	ng	0.00
11) 2-Methylnaphthalene-d10	12.419	152	6888	0.310	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	876	0.472	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	13023	0.344	ng	0.00
27) Fluoranthene-d10	19.421	212	14568	0.341	ng	0.00
31) Terphenyl-d14	20.011	244	11918	0.547	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.397	88	1686	0.261	ng	# 84
20) 4,6-Dinitro-2-methylph...	15.805	198	2	0.114	ng	# 1
24) Pentachlorophenol	17.071	266	7	0.371	ng	# 29
34) Bis(2-ethylhexyl)phtha...	21.471	149	1776	0.079	ng	95

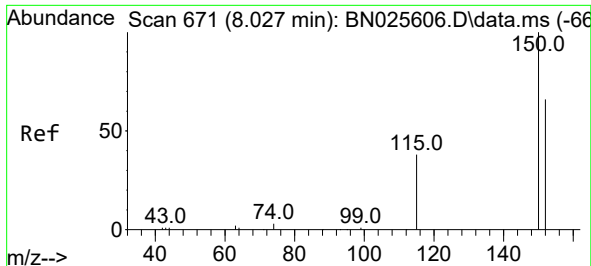
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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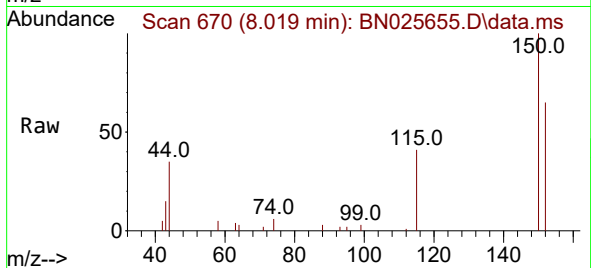
Quant Time: May 29 00:55:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
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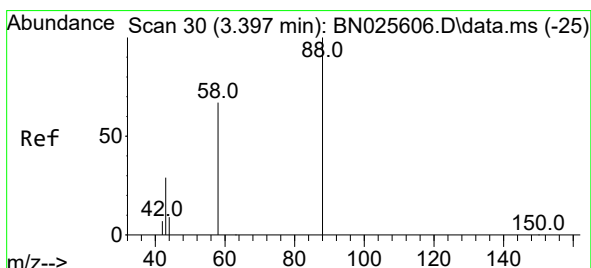
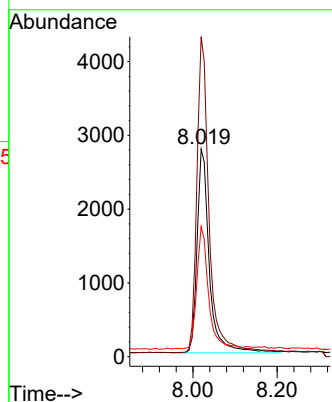
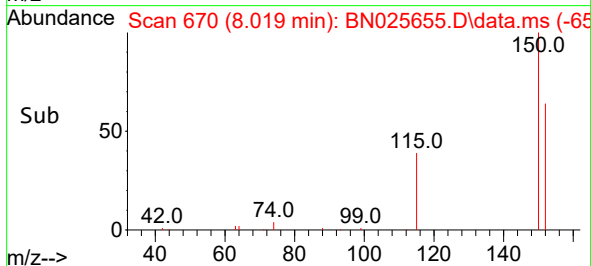


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.019 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN025655.D
 Acq: 27 May 2023 21:11

Instrument :
 BNA_N
 ClientSampleId :
 TT162S1-20230522

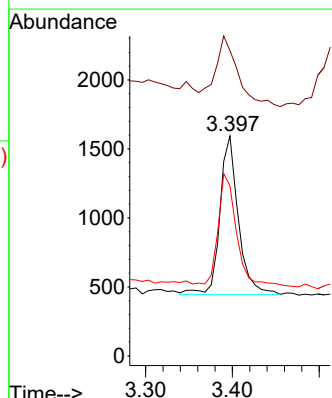
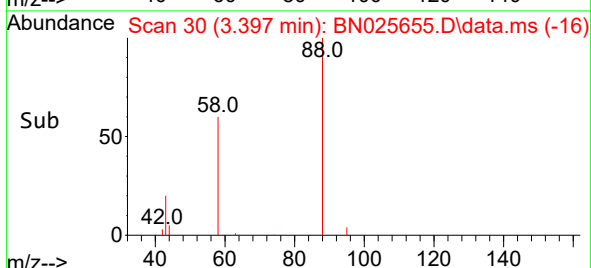
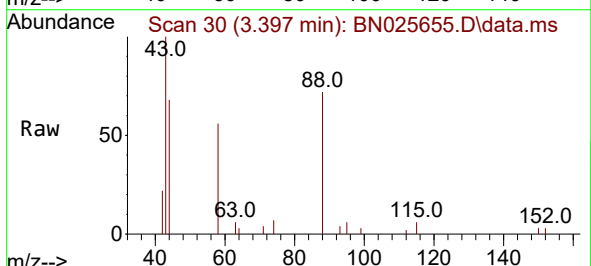


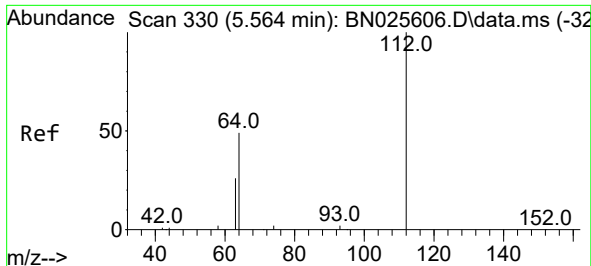
Tgt Ion:152 Resp: 5577
 Ion Ratio Lower Upper
 152 100
 150 154.2 121.0 181.6
 115 62.8 48.5 72.7



#2
 1,4-Dioxane
 Concen: 0.261 ng
 RT: 3.397 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: BN025655.D
 Acq: 27 May 2023 21:11

Tgt Ion: 88 Resp: 1686
 Ion Ratio Lower Upper
 88 100
 43 55.8 26.5 39.7#
 58 67.0 56.8 85.2

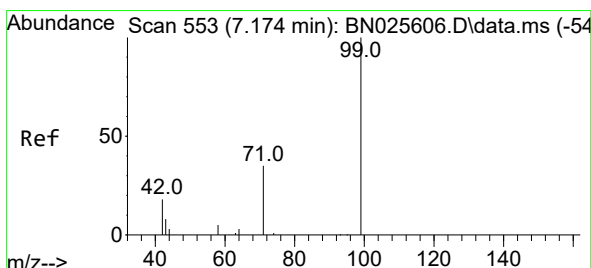
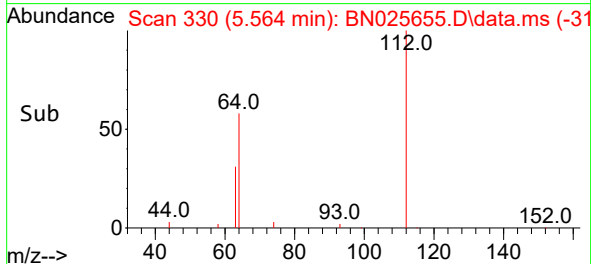
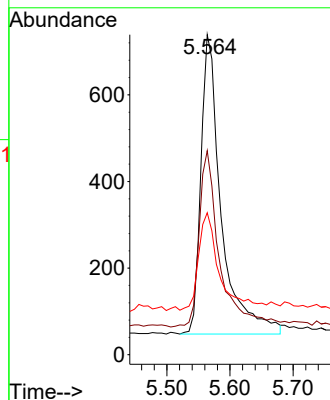
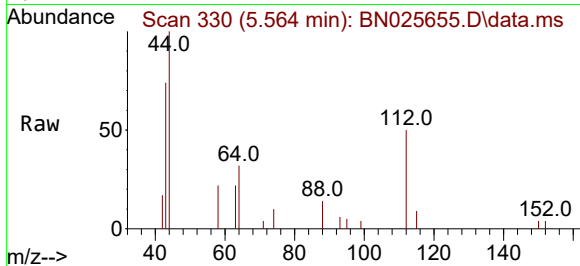




#4
2-Fluorophenol
Concen: 0.108 ng
RT: 5.564 min Scan# 311
Delta R.T. 0.007 min
Lab File: BN025655.D
Acq: 27 May 2023 21:11

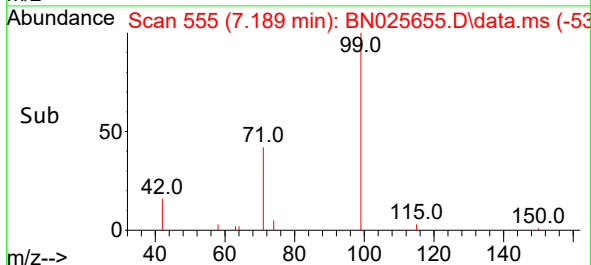
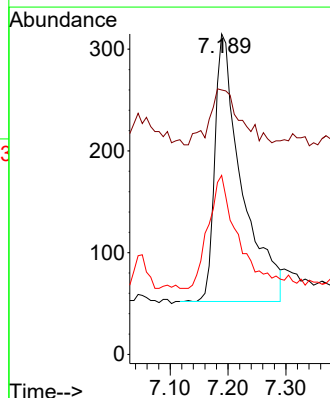
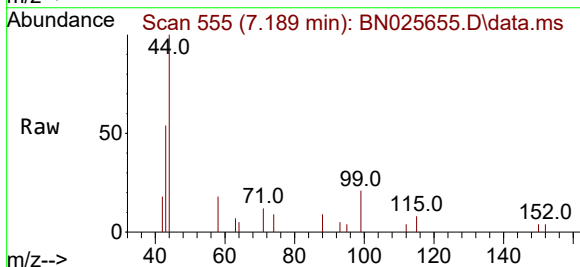
Instrument :
BNA_N
ClientSampleId :
TT162S1-20230522

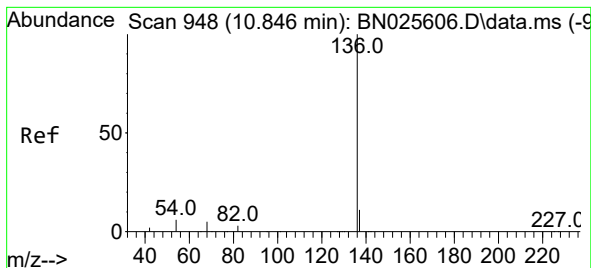
Tgt Ion:112 Resp: 1550
Ion Ratio Lower Upper
112 100
64 59.3 45.7 68.5
63 33.4 26.2 39.2



#5
Phenol-d6
Concen: 0.050 ng
RT: 7.189 min Scan# 555
Delta R.T. 0.014 min
Lab File: BN025655.D
Acq: 27 May 2023 21:11

Tgt Ion: 99 Resp: 851
Ion Ratio Lower Upper
99 100
42 24.0 17.1 25.7
71 46.8 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: BN025655.D

Acq: 27 May 2023 21:11

Instrument :

BNA_N

ClientSampleId :

TT162S1-20230522

Tgt Ion:136 Resp: 15592

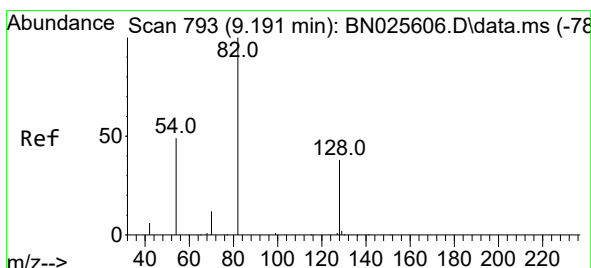
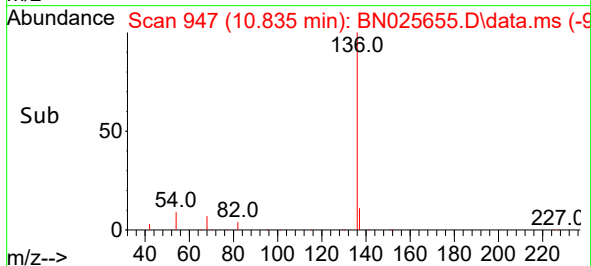
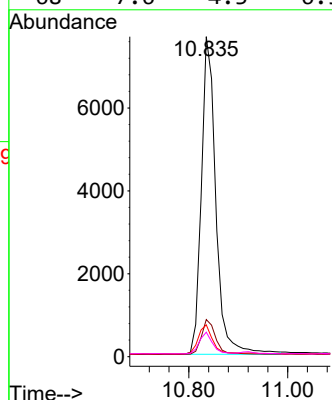
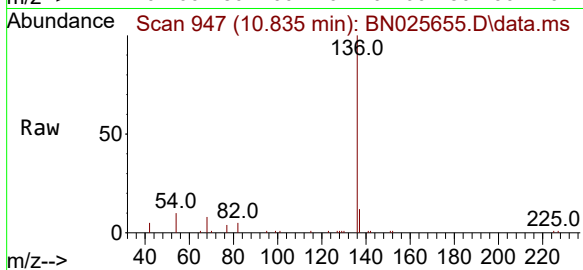
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 9.9 5.4 8.0#

68 7.6 4.3 6.5#



#8

Nitrobenzene-d5

Concen: 0.267 ng

RT: 9.191 min Scan# 793

Delta R.T. 0.000 min

Lab File: BN025655.D

Acq: 27 May 2023 21:11

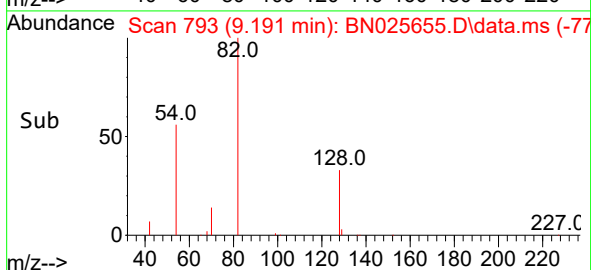
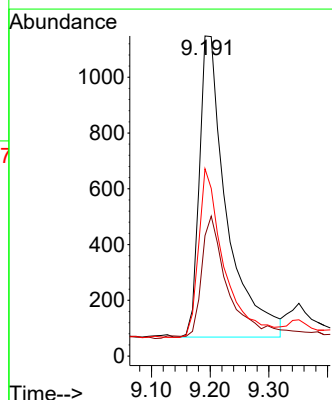
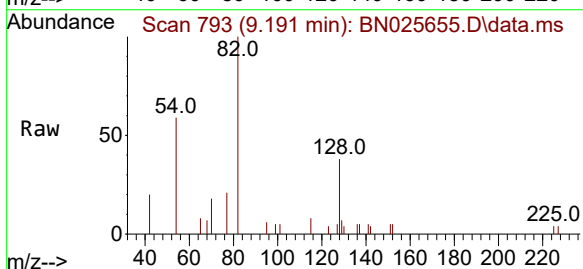
Tgt Ion: 82 Resp: 3482

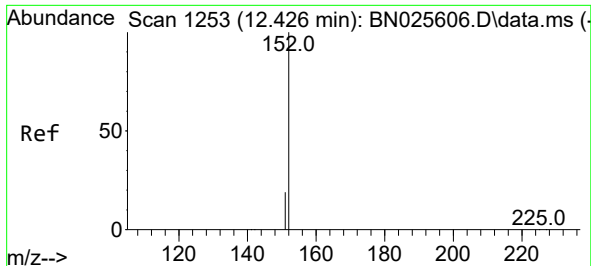
Ion Ratio Lower Upper

82 100

128 37.6 32.5 48.7

54 58.5 40.6 60.8





#11

2-Methylnaphthalene-d10

Concen: 0.310 ng

RT: 12.419 min Scan# 1251

Delta R.T. -0.004 min

Lab File: BN025655.D

Acq: 27 May 2023 21:11

Instrument :

BNA_N

ClientSampleId :

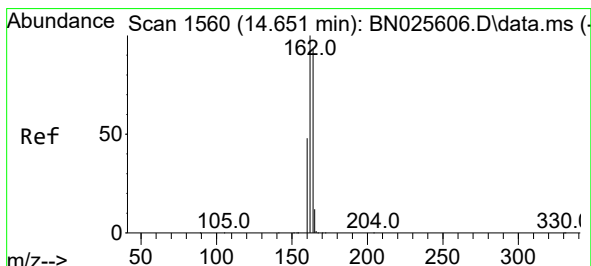
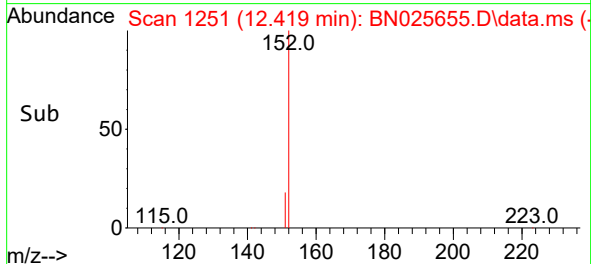
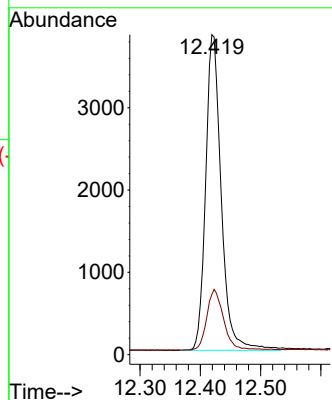
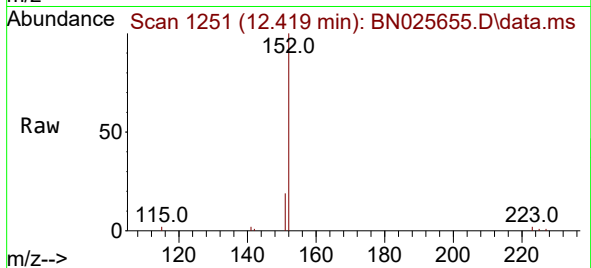
TT162S1-20230522

Tgt Ion:152 Resp: 6888

Ion Ratio Lower Upper

152 100

151 20.5 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: BN025655.D

Acq: 27 May 2023 21:11

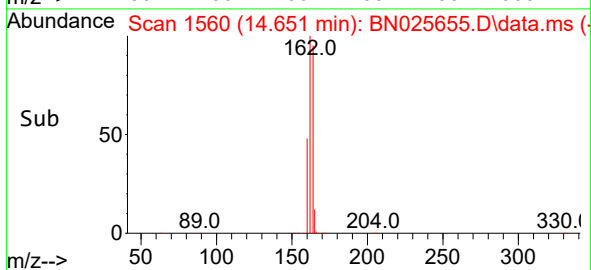
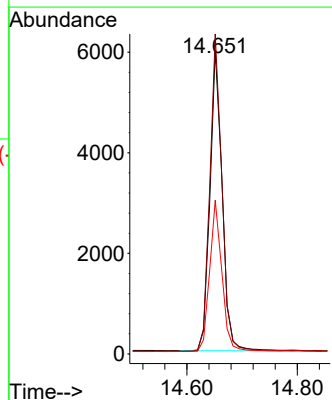
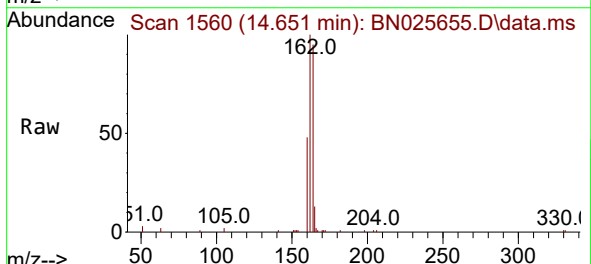
Tgt Ion:164 Resp: 9186

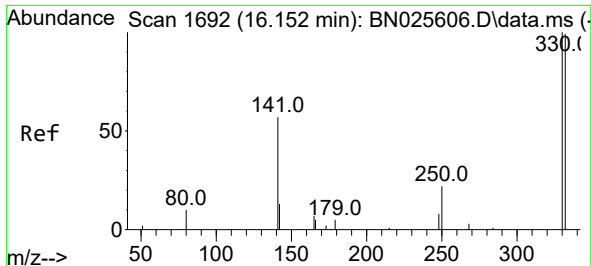
Ion Ratio Lower Upper

164 100

162 105.3 86.4 129.6

160 50.6 41.9 62.9

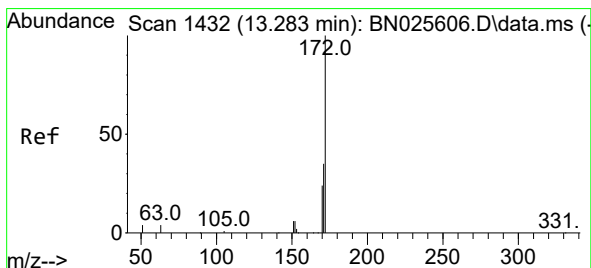
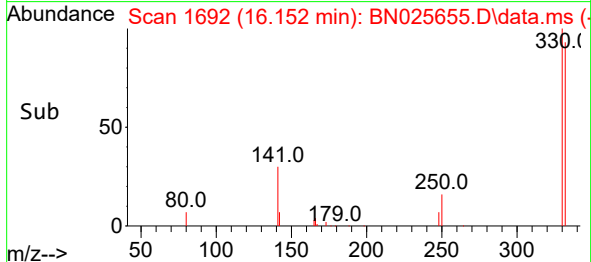
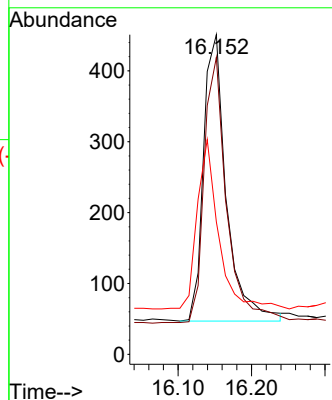
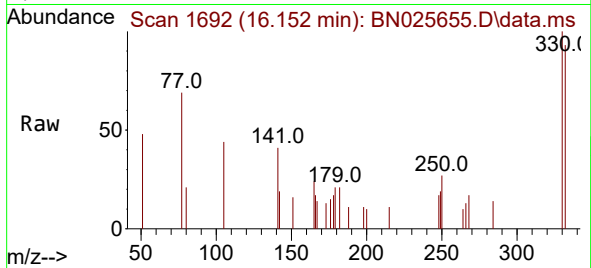




#14
2,4,6-Tribromophenol
Concen: 0.472 ng
RT: 16.152 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN025655.D
Acq: 27 May 2023 21:11

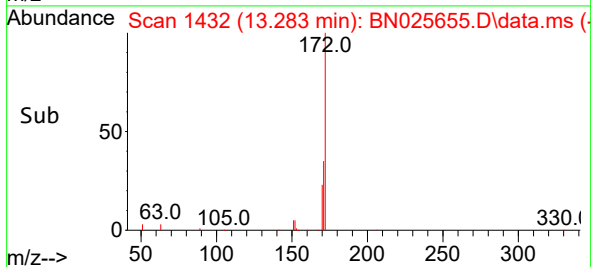
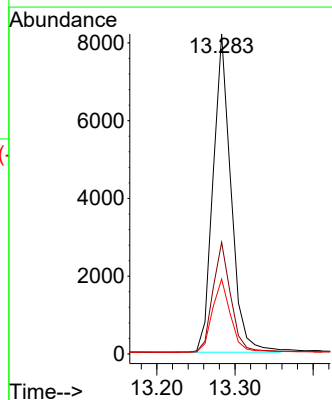
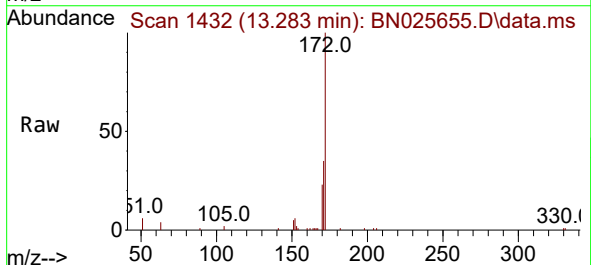
Instrument :
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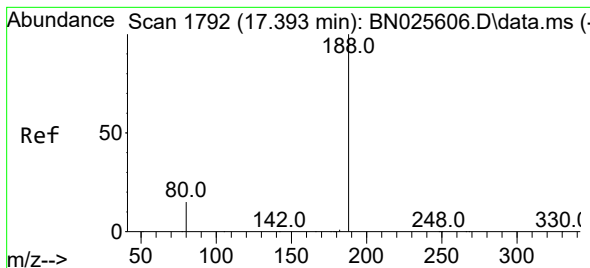
Tgt Ion:330 Resp: 876
Ion Ratio Lower Upper
330 100
332 91.4 80.0 120.0
141 54.9 45.8 68.6



#15
2-Fluorobiphenyl
Concen: 0.344 ng
RT: 13.283 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BN025655.D
Acq: 27 May 2023 21:11

Tgt Ion:172 Resp: 13023
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 23.4 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.393 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN025655.D

Acq: 27 May 2023 21:11

Instrument :

BNA_N

ClientSampleId :

TT162S1-20230522

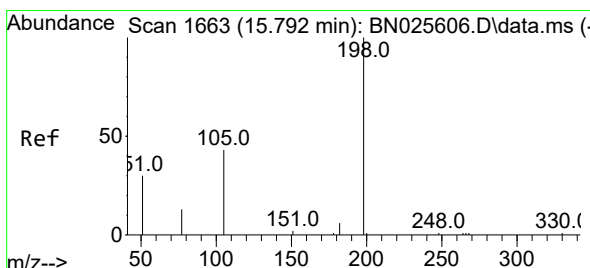
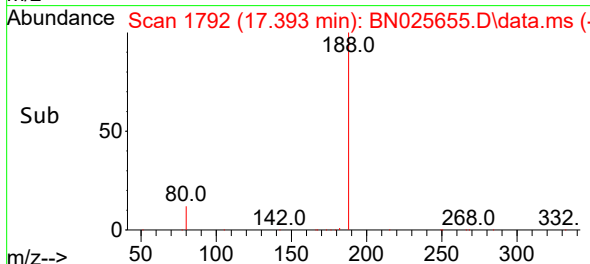
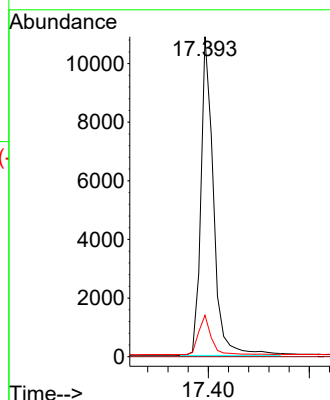
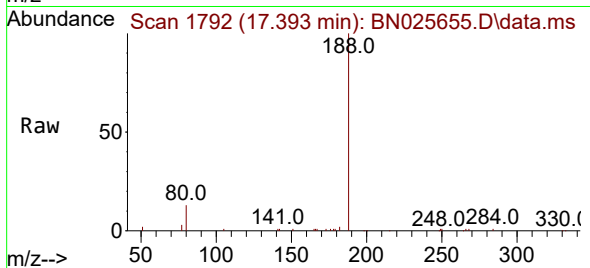
Tgt Ion:188 Resp: 18865

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.0 12.2 18.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.114 ng

RT: 15.805 min Scan# 1664

Delta R.T. 0.012 min

Lab File: BN025655.D

Acq: 27 May 2023 21:11

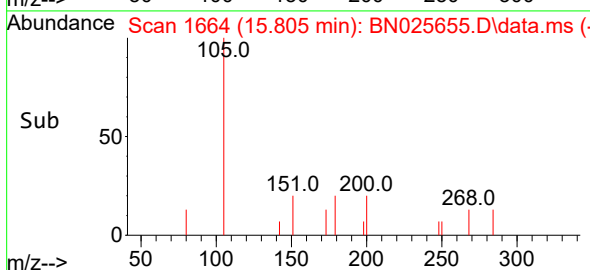
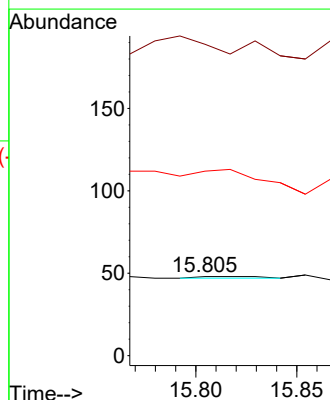
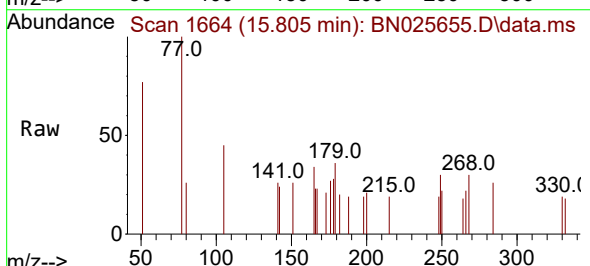
Tgt Ion:198 Resp: 2

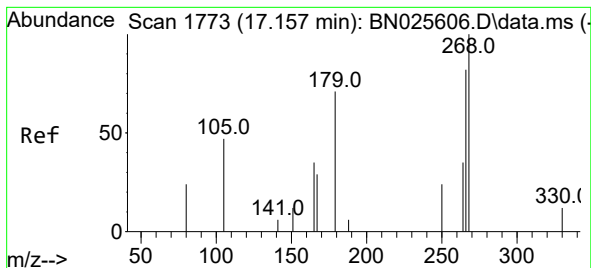
Ion Ratio Lower Upper

198 100

51 393.8 110.8 166.2#

105 233.3 61.9 92.9#





#24

Pentachlorophenol

Concen: 0.371 ng

RT: 17.071 min Scan# 1766

Delta R.T. 0.000 min

Lab File: BN025655.D

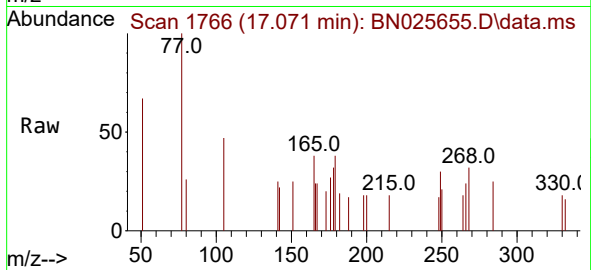
Acq: 27 May 2023 21:11

Instrument :

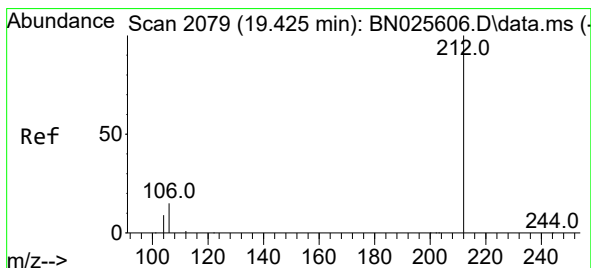
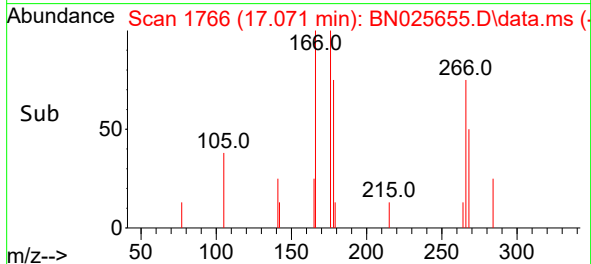
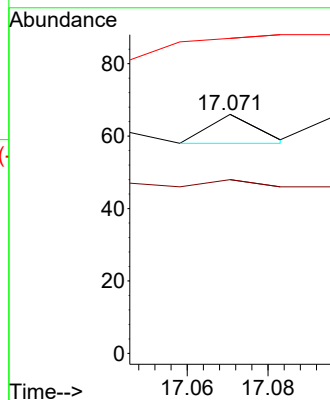
BNA_N

ClientSampleId :

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Tgt Ion:	266	Resp:	7
Ion Ratio	Lower	Upper	
266	100		
264	14.3	60.0	90.0#
268	357.1	0.0	0.0#



#27

Fluoranthene-d10

Concen: 0.341 ng

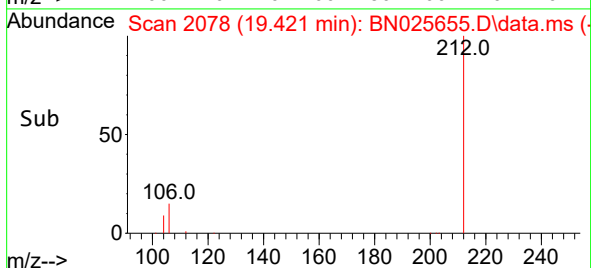
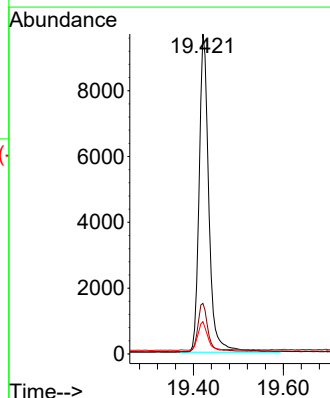
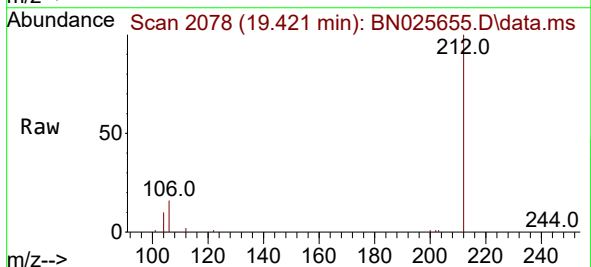
RT: 19.421 min Scan# 2078

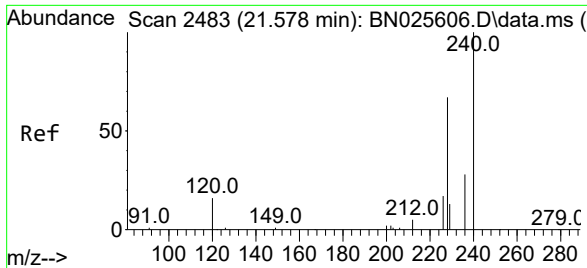
Delta R.T. 0.000 min

Lab File: BN025655.D

Acq: 27 May 2023 21:11

Tgt Ion:	212	Resp:	14568
Ion Ratio	Lower	Upper	
212	100		
106	15.5	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: BN025655.D

Acq: 27 May 2023 21:11

Instrument :

BNA_N

ClientSampleId :

TT162S1-20230522

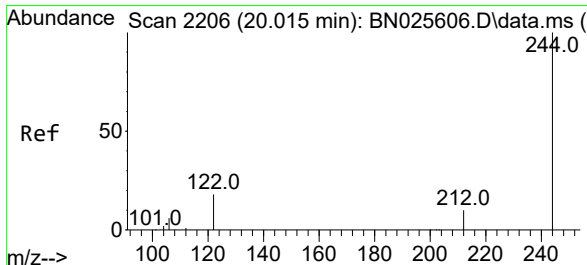
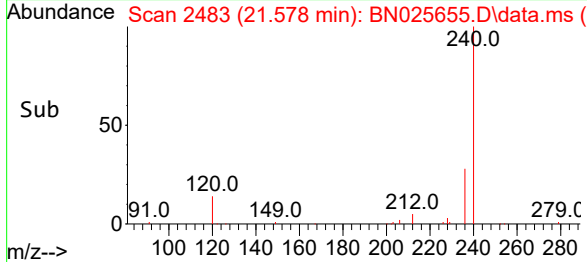
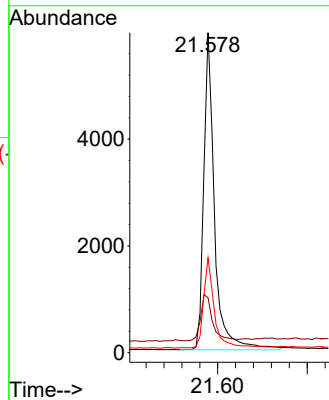
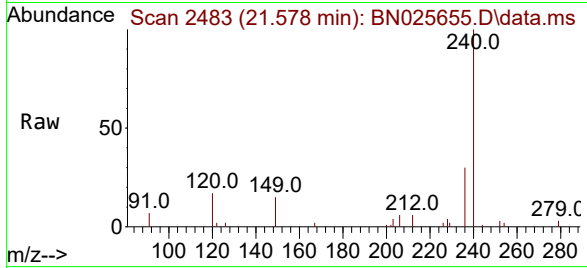
Tgt Ion:240 Resp: 9957

Ion Ratio Lower Upper

240 100

120 17.2 15.4 23.0

236 29.6 23.2 34.8



#31

Terphenyl-d14

Concen: 0.547 ng

RT: 20.011 min Scan# 2205

Delta R.T. -0.005 min

Lab File: BN025655.D

Acq: 27 May 2023 21:11

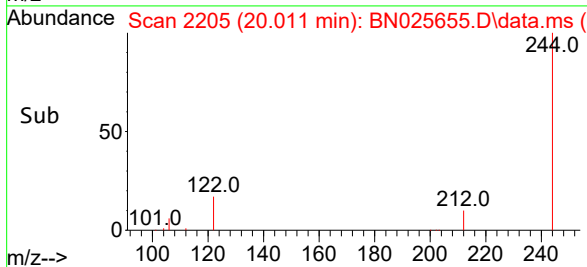
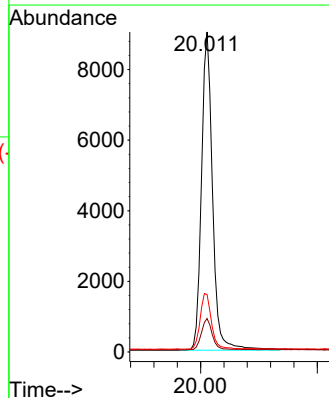
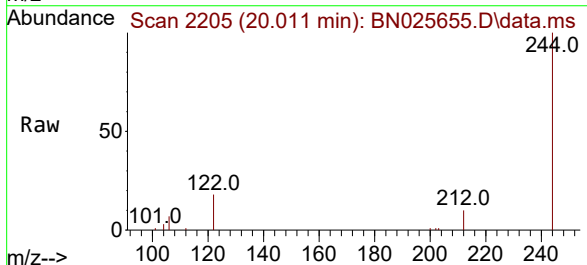
Tgt Ion:244 Resp: 11918

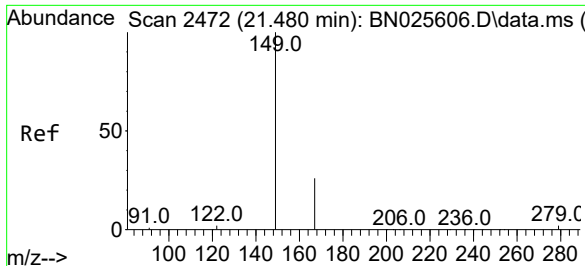
Ion Ratio Lower Upper

244 100

212 10.4 8.5 12.7

122 18.0 14.9 22.3

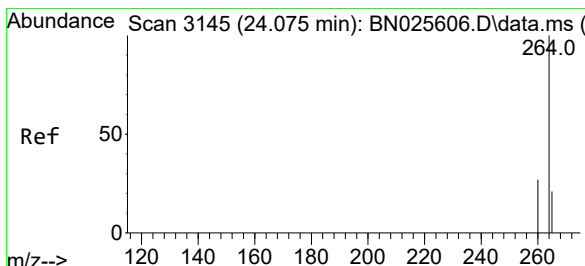
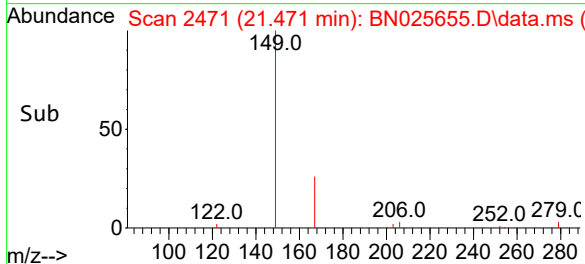
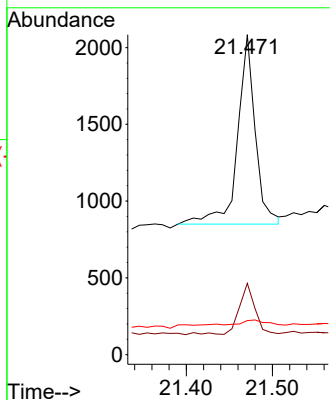
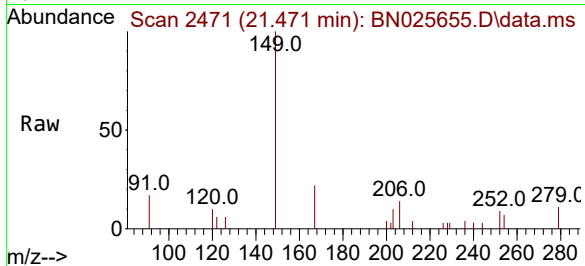




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.079 ng
 RT: 21.471 min Scan# 2471
 Delta R.T. 0.000 min
 Lab File: BN025655.D
 Acq: 27 May 2023 21:11

Instrument :
 BNA_N
 ClientSampleId :
 TT162S1-20230522

Tgt Ion:149 Resp: 1776
 Ion Ratio Lower Upper
 149 100
 167 22.9 20.4 30.6
 279 3.6 3.3 4.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.057 min Scan# 3139
 Delta R.T. -0.012 min
 Lab File: BN025655.D
 Acq: 27 May 2023 21:11

Tgt Ion:264 Resp: 8823
 Ion Ratio Lower Upper
 264 100
 260 27.7 22.3 33.5
 265 67.8 54.3 81.5

