

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025645.D
 Acq On : 27 May 2023 15:13
 Operator : CG/JU
 Sample : 02880-12
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT15811-20230519

Quant Time: May 29 00:52:57 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)

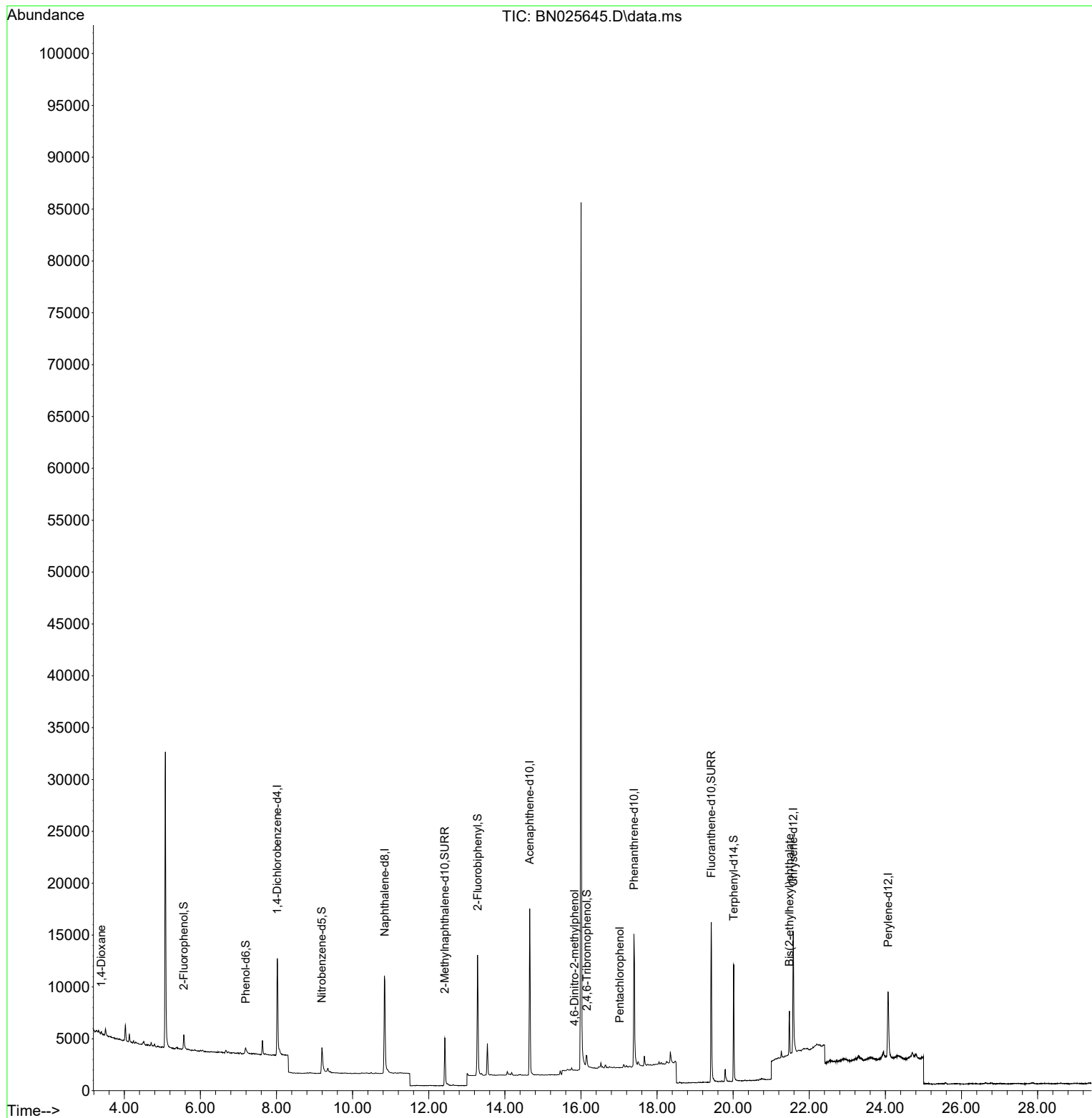
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	5530	0.400	ng	0.00
7) Naphthalene-d8	10.846	136	15713	0.400	ng	0.01
13) Acenaphthene-d10	14.651	164	9430	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	19961	0.400	ng	0.00
29) Chrysene-d12	21.578	240	12761	0.400	ng	0.00
35) Perylene-d12	24.072	264	10989	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	1520	0.107	ng	0.00
5) Phenol-d6	7.189	99	935	0.055	ng	0.01
8) Nitrobenzene-d5	9.191	82	3236	0.246	ng	0.00
11) 2-Methylnaphthalene-d10	12.423	152	7328	0.327	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	789	0.414	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	10847	0.279	ng	0.00
27) Fluoranthene-d10	19.426	212	18667	0.413	ng	0.00
31) Terphenyl-d14	20.015	244	11206	0.401	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.397	88	166	0.026	ng	# 48
20) 4,6-Dinitro-2-methylph...	15.829	198	9	0.117	ng	# 1
24) Pentachlorophenol	17.021	266	7	0.371	ng	# 79
34) Bis(2-ethylhexyl)phtha...	21.480	149	4469	0.154	ng	# 96

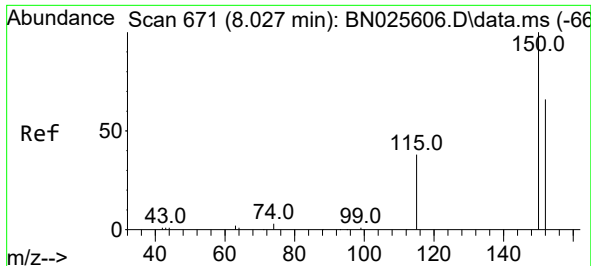
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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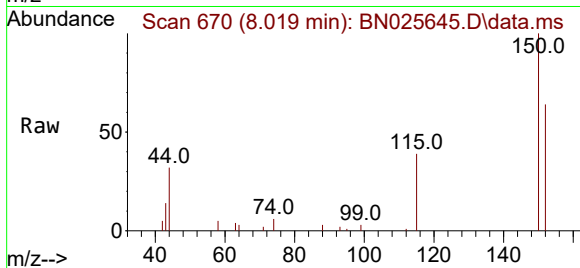
Quant Time: May 29 00:52:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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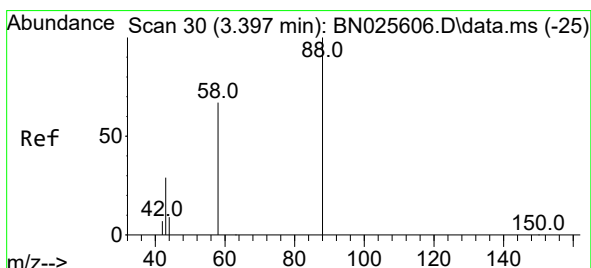
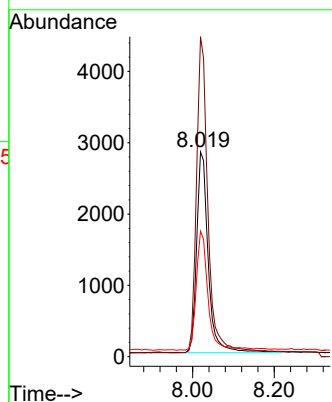
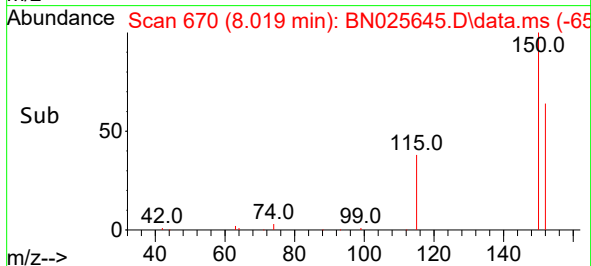


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.019 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN025645.D
Acq: 27 May 2023 15:13

Instrument :
BNA_N
ClientSampleId :
TT15811-20230519

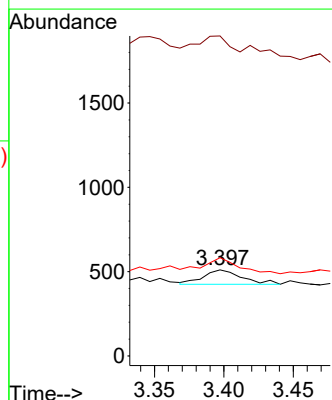
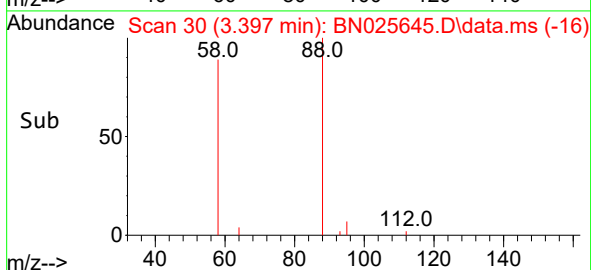
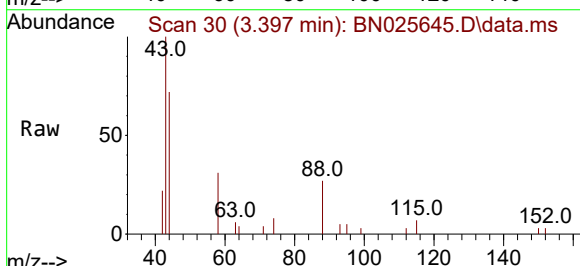


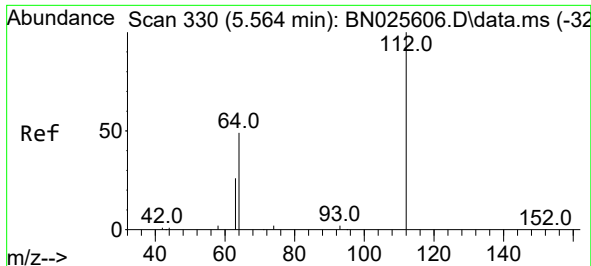
Tgt Ion:152 Resp: 5530
Ion Ratio Lower Upper
152 100
150 156.3 121.0 181.6
115 61.3 48.5 72.7



#2
1,4-Dioxane
Concen: 0.026 ng
RT: 3.397 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN025645.D
Acq: 27 May 2023 15:13

Tgt Ion: 88 Resp: 166
Ion Ratio Lower Upper
88 100
43 81.9 26.5 39.7#
58 100.6 56.8 85.2#

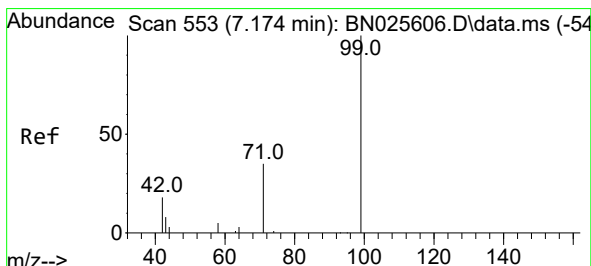
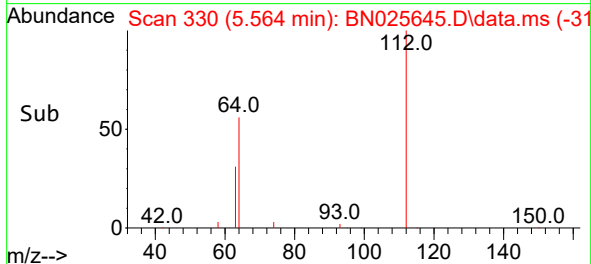
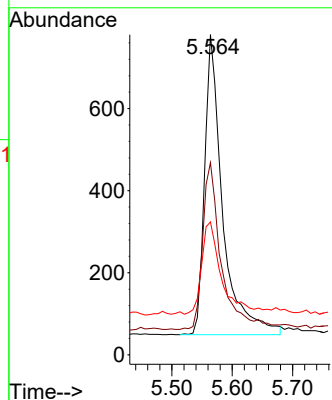
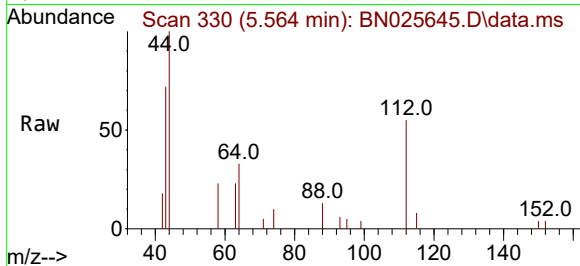




#4
2-Fluorophenol
Concen: 0.107 ng
RT: 5.564 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN025645.D
Acq: 27 May 2023 15:13

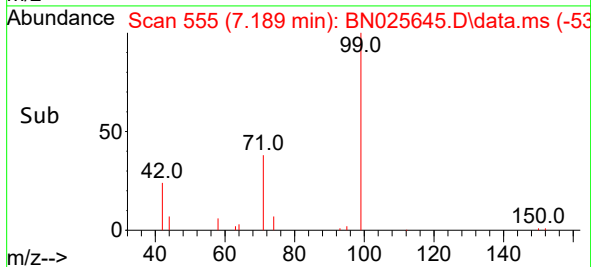
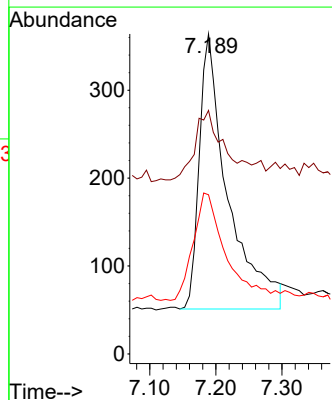
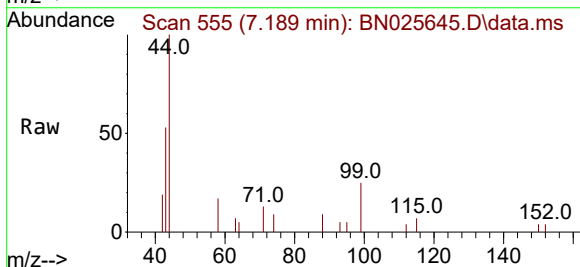
Instrument :
BNA_N
ClientSampleId :
TT15811-20230519

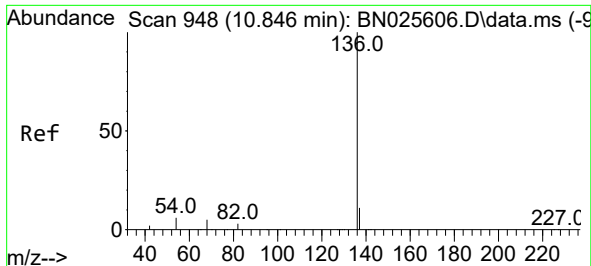
Tgt Ion:112 Resp: 1520
Ion Ratio Lower Upper
112 100
64 57.3 45.7 68.5
63 34.1 26.2 39.2



#5
Phenol-d6
Concen: 0.055 ng
RT: 7.189 min Scan# 555
Delta R.T. 0.014 min
Lab File: BN025645.D
Acq: 27 May 2023 15:13

Tgt Ion: 99 Resp: 935
Ion Ratio Lower Upper
99 100
42 29.6 17.1 25.7#
71 45.0 29.3 43.9#

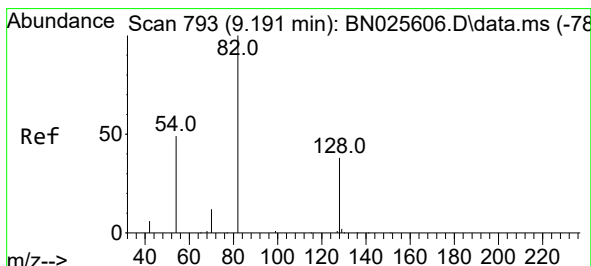
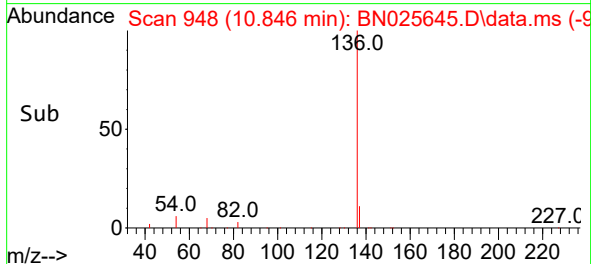
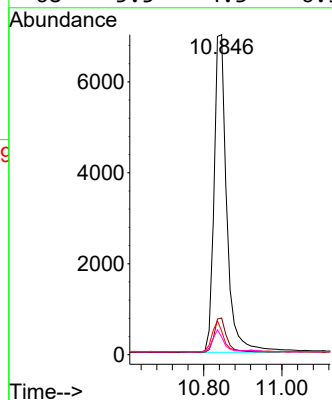
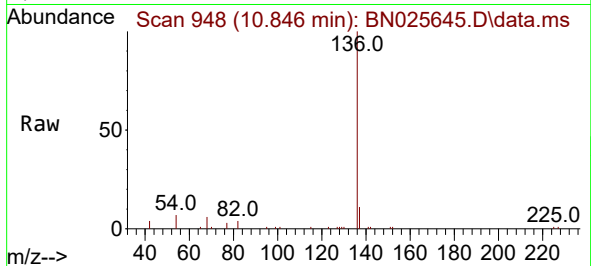




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.846 min Scan# 948
Delta R.T. 0.011 min
Lab File: BN025645.D
Acq: 27 May 2023 15:13

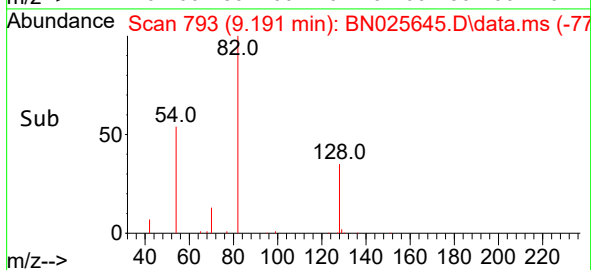
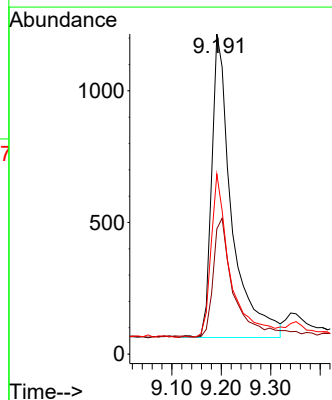
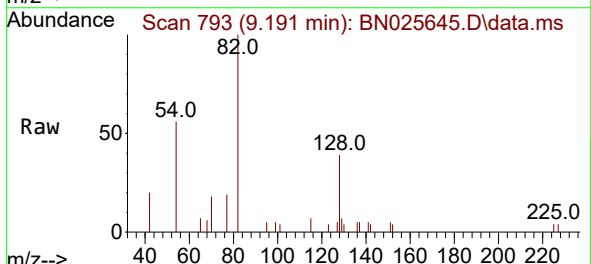
Instrument :
BNA_N
ClientSampleId :
TT15811-20230519

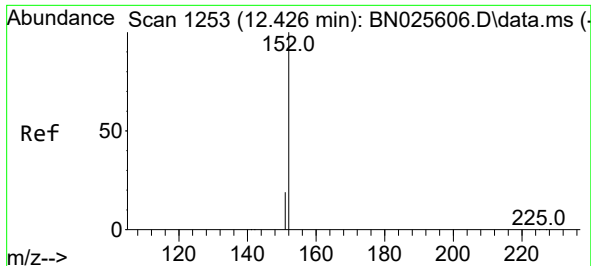
Tgt Ion:	136	Resp:	15713
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.1	13.7
54	7.4	5.4	8.0
68	5.5	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.246 ng
RT: 9.191 min Scan# 793
Delta R.T. -0.000 min
Lab File: BN025645.D
Acq: 27 May 2023 15:13

Tgt Ion:	82	Resp:	3236
Ion Ratio	Lower	Upper	
82	100		
128	39.1	32.5	48.7
54	56.3	40.6	60.8





#11

2-Methylnaphthalene-d10

Concen: 0.327 ng

RT: 12.423 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN025645.D

Acq: 27 May 2023 15:13

Instrument :

BNA_N

ClientSampleId :

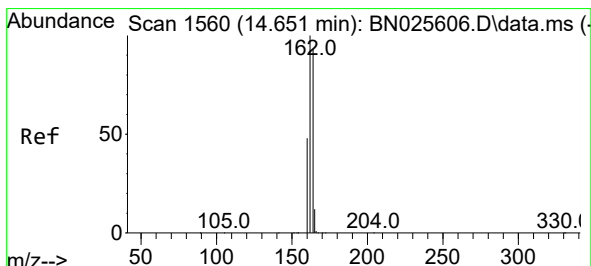
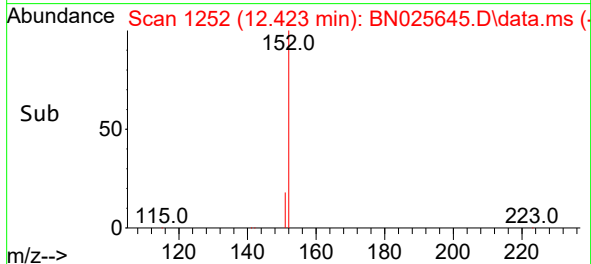
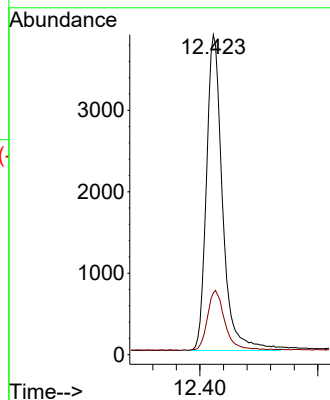
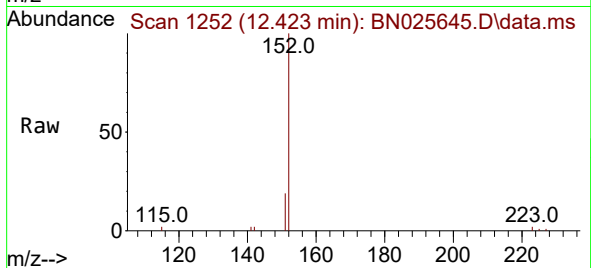
TT15811-20230519

Tgt Ion:152 Resp: 7328

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: BN025645.D

Acq: 27 May 2023 15:13

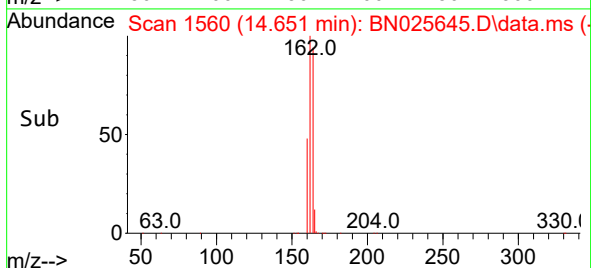
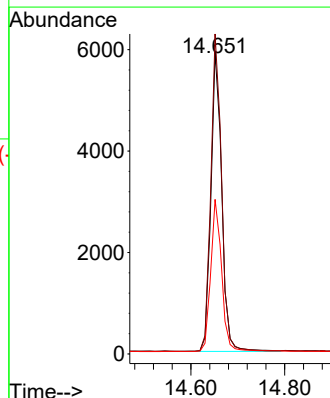
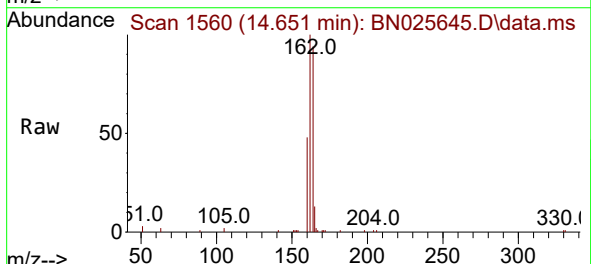
Tgt Ion:164 Resp: 9430

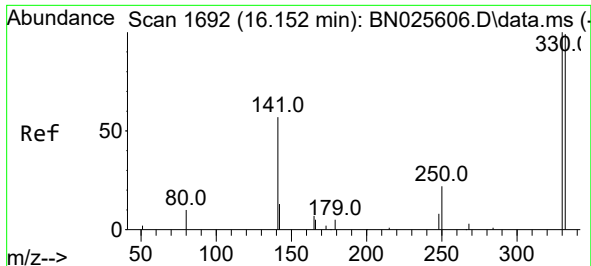
Ion Ratio Lower Upper

164 100

162 106.0 86.4 129.6

160 51.2 41.9 62.9

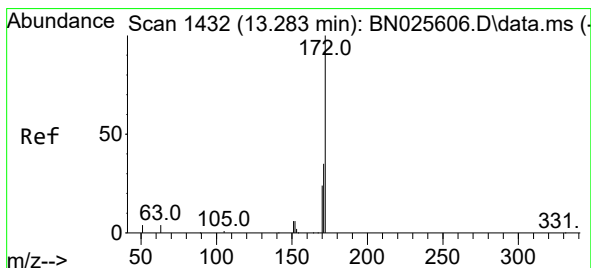
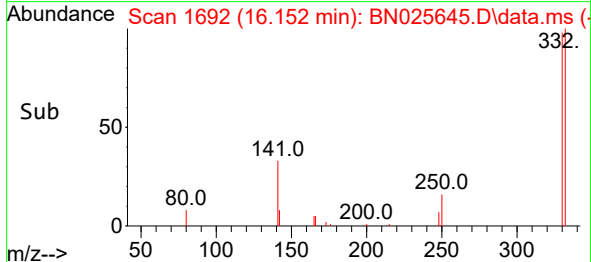
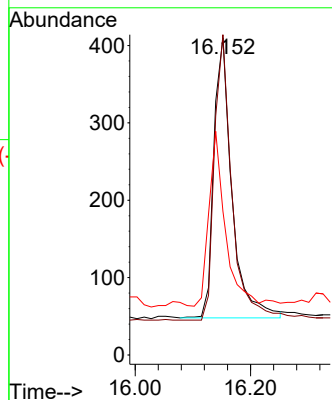
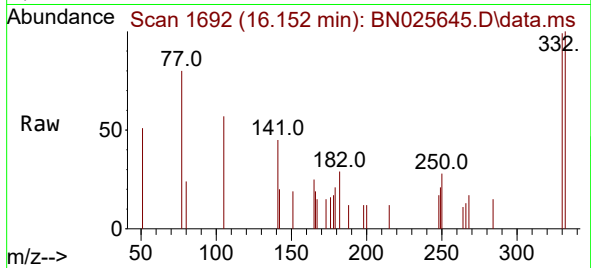




#14
2,4,6-Tribromophenol
Concen: 0.414 ng
RT: 16.152 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN025645.D
Acq: 27 May 2023 15:13

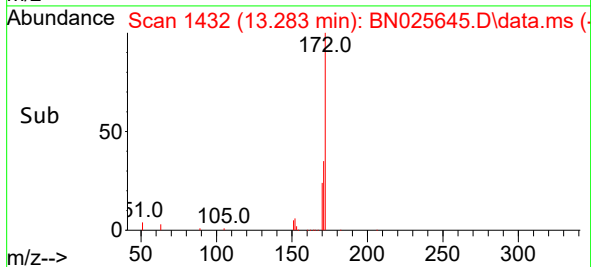
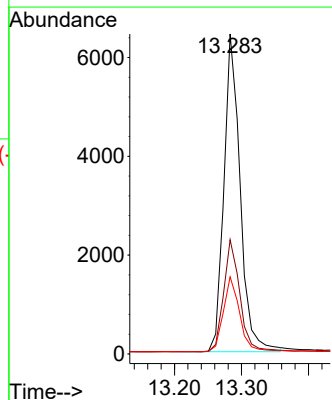
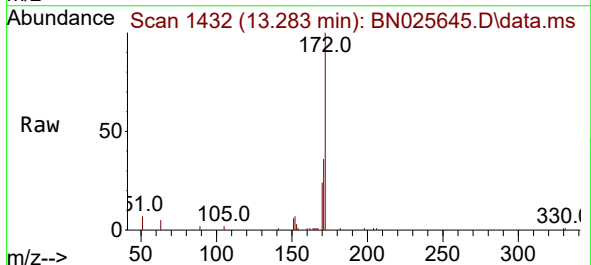
Instrument :
BNA_N
ClientSampleId :
TT15811-20230519

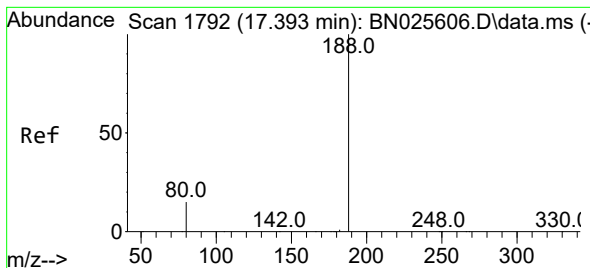
Tgt Ion: 330 Resp: 789
Ion Ratio Lower Upper
330 100
332 97.8 80.0 120.0
141 57.8 45.8 68.6



#15
2-Fluorobiphenyl
Concen: 0.279 ng
RT: 13.283 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN025645.D
Acq: 27 May 2023 15:13

Tgt Ion: 172 Resp: 10847
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 24.1 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.393 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN025645.D

Acq: 27 May 2023 15:13

Instrument :

BNA_N

ClientSampleId :

TT15811-20230519

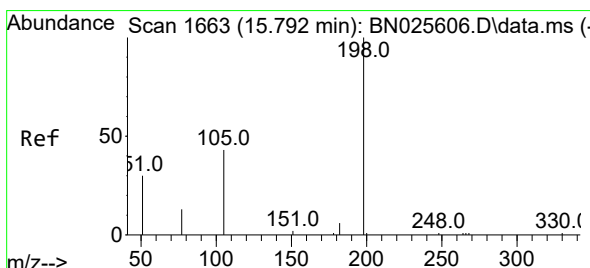
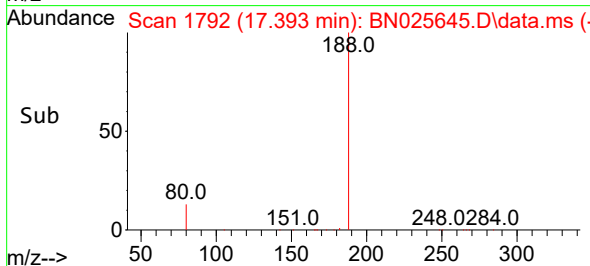
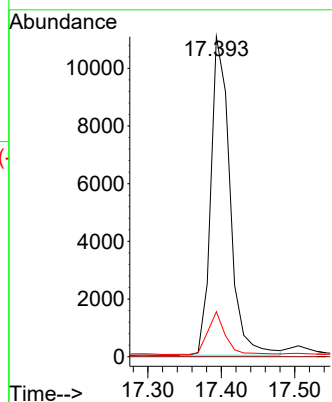
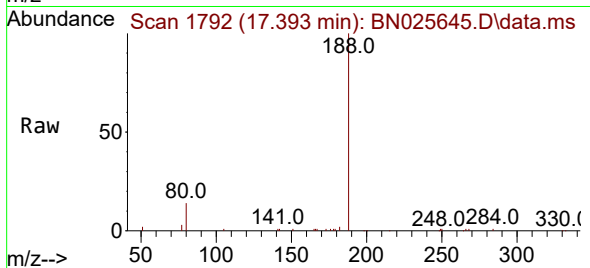
Tgt Ion:188 Resp: 19961

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.1 12.2 18.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.117 ng

RT: 15.829 min Scan# 1666

Delta R.T. 0.037 min

Lab File: BN025645.D

Acq: 27 May 2023 15:13

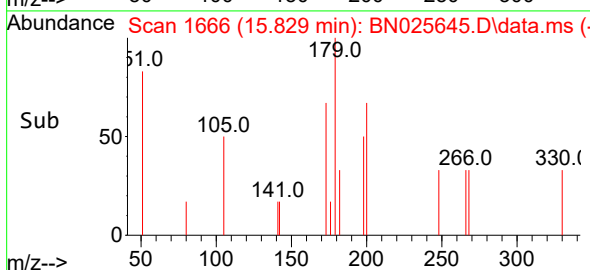
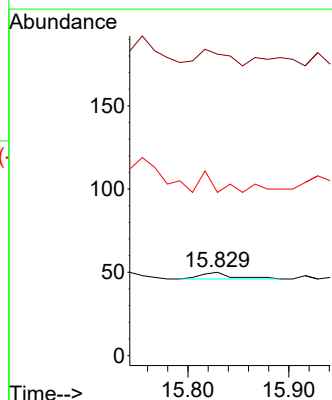
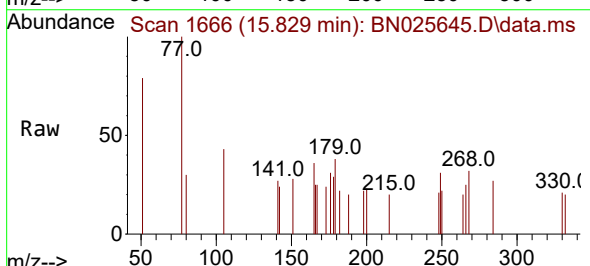
Tgt Ion:198 Resp: 9

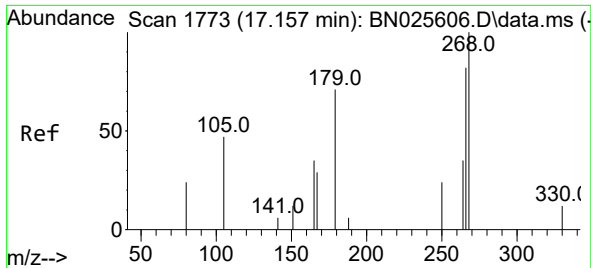
Ion Ratio Lower Upper

198 100

51 362.0 110.8 166.2#

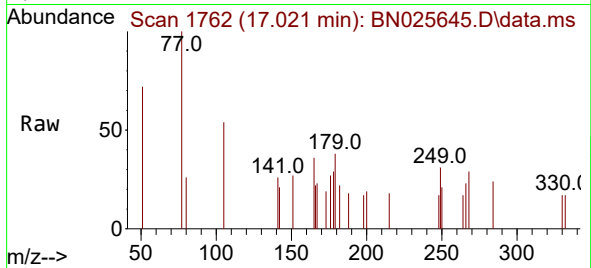
105 196.0 61.9 92.9#



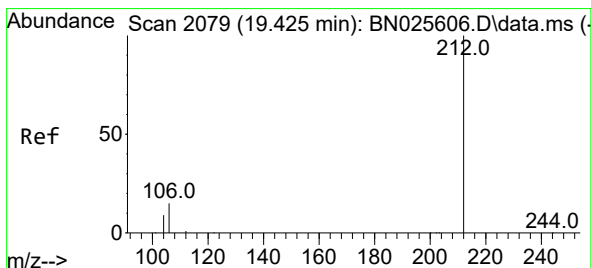
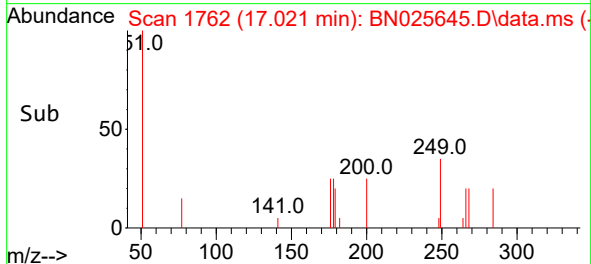
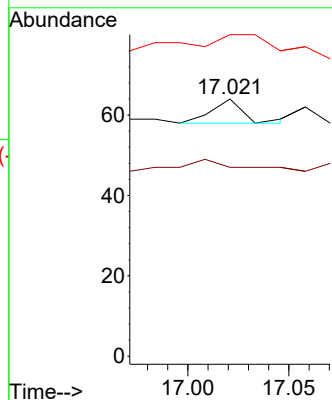


#24
 Pentachlorophenol
 Concen: 0.371 ng
 RT: 17.021 min Scan# 1762
 Delta R.T. -0.050 min
 Lab File: BN025645.D
 Acq: 27 May 2023 15:13

Instrument :
 BNA_N
 ClientSampleId :
 TT15811-20230519

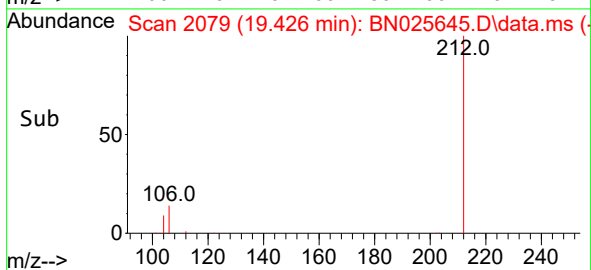
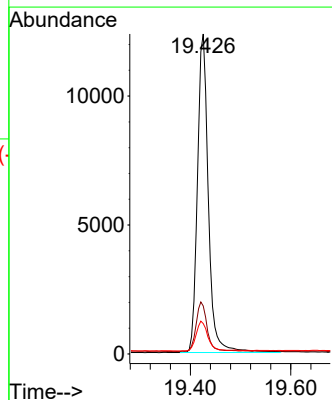
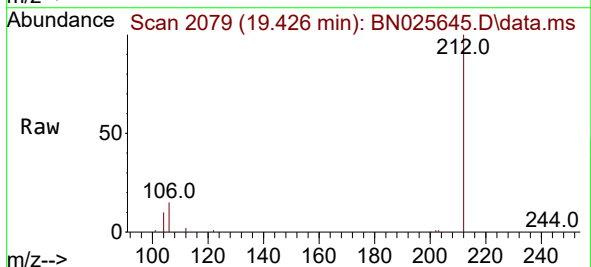


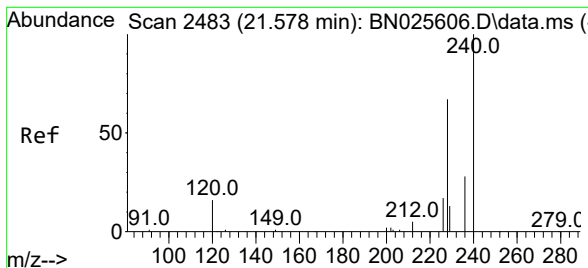
Tgt Ion:266 Resp: 7
 Ion Ratio Lower Upper
 266 100
 264 57.1 60.0 90.0#
 268 185.7 0.0 0.0#



#27
 Fluoranthene-d10
 Concen: 0.413 ng
 RT: 19.426 min Scan# 2079
 Delta R.T. 0.005 min
 Lab File: BN025645.D
 Acq: 27 May 2023 15:13

Tgt Ion:212 Resp: 18667
 Ion Ratio Lower Upper
 212 100
 106 15.8 12.3 18.5
 104 9.9 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: BN025645.D

Acq: 27 May 2023 15:13

Instrument :

BNA_N

ClientSampleId :

TT15811-20230519

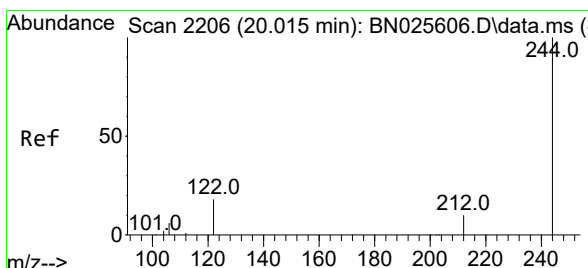
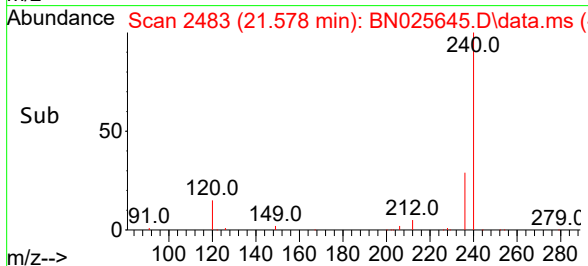
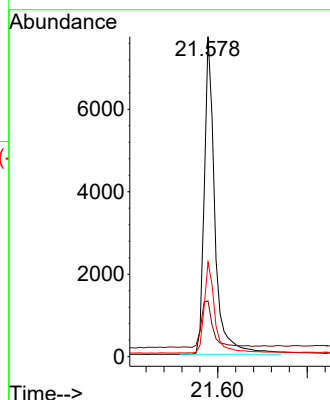
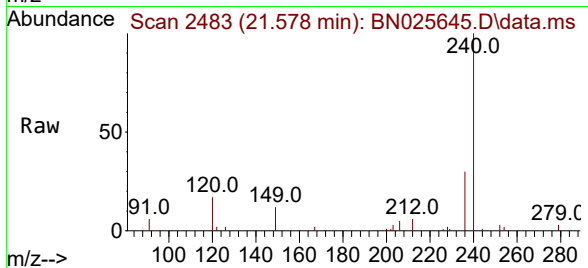
Tgt Ion:240 Resp: 12761

Ion Ratio Lower Upper

240 100

120 17.4 15.4 23.0

236 29.6 23.2 34.8



#31

Terphenyl-d14

Concen: 0.401 ng

RT: 20.015 min Scan# 2206

Delta R.T. -0.000 min

Lab File: BN025645.D

Acq: 27 May 2023 15:13

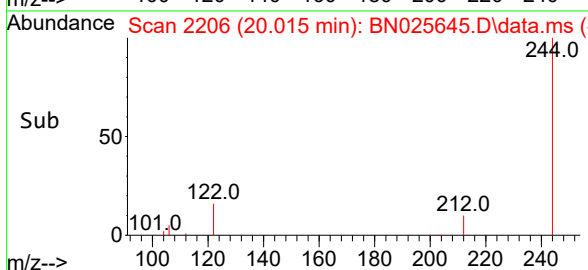
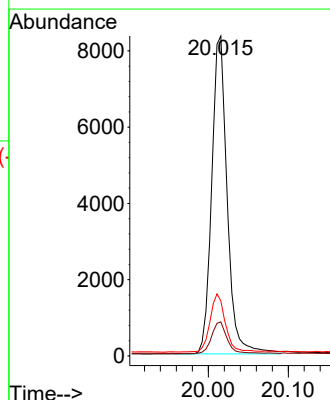
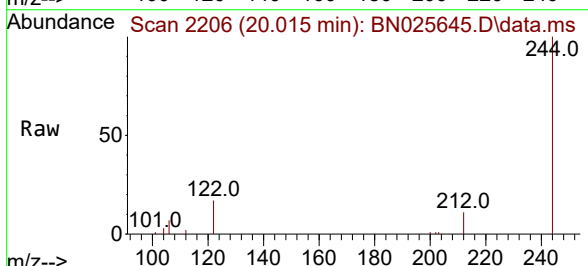
Tgt Ion:244 Resp: 11206

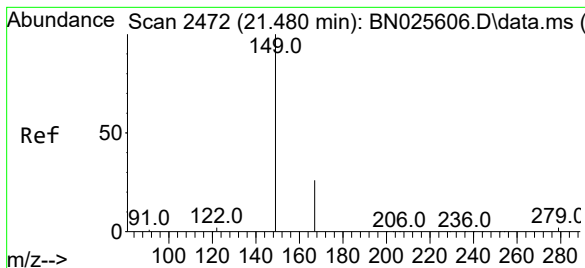
Ion Ratio Lower Upper

244 100

212 10.6 8.5 12.7

122 17.2 14.9 22.3

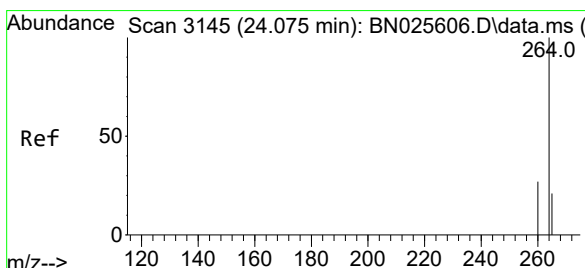
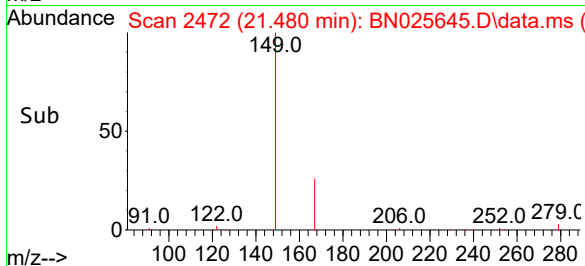
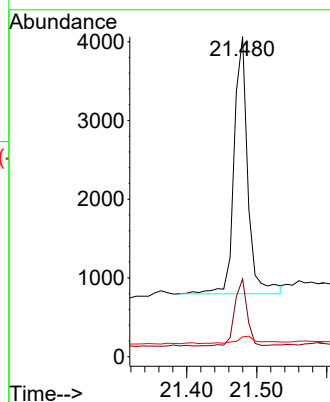
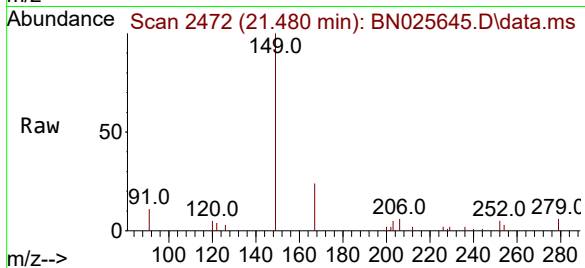




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.154 ng
 RT: 21.480 min Scan# 2472
 Delta R.T. 0.009 min
 Lab File: BN025645.D
 Acq: 27 May 2023 15:13

Instrument :
 BNA_N
 ClientSampleId :
 TT15811-20230519

Tgt Ion:149 Resp: 4469
 Ion Ratio Lower Upper
 149 100
 167 23.2 20.4 30.6
 279 4.6 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: BN025645.D
 Acq: 27 May 2023 15:13

Tgt Ion:264 Resp: 10989
 Ion Ratio Lower Upper
 264 100
 260 27.5 22.3 33.5
 265 55.1 54.3 81.5

