

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025649.D
 Acq On : 27 May 2023 17:36
 Operator : CG/JU
 Sample : 02880-16
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW4-20230519

Quant Time: May 29 00:53:52 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)

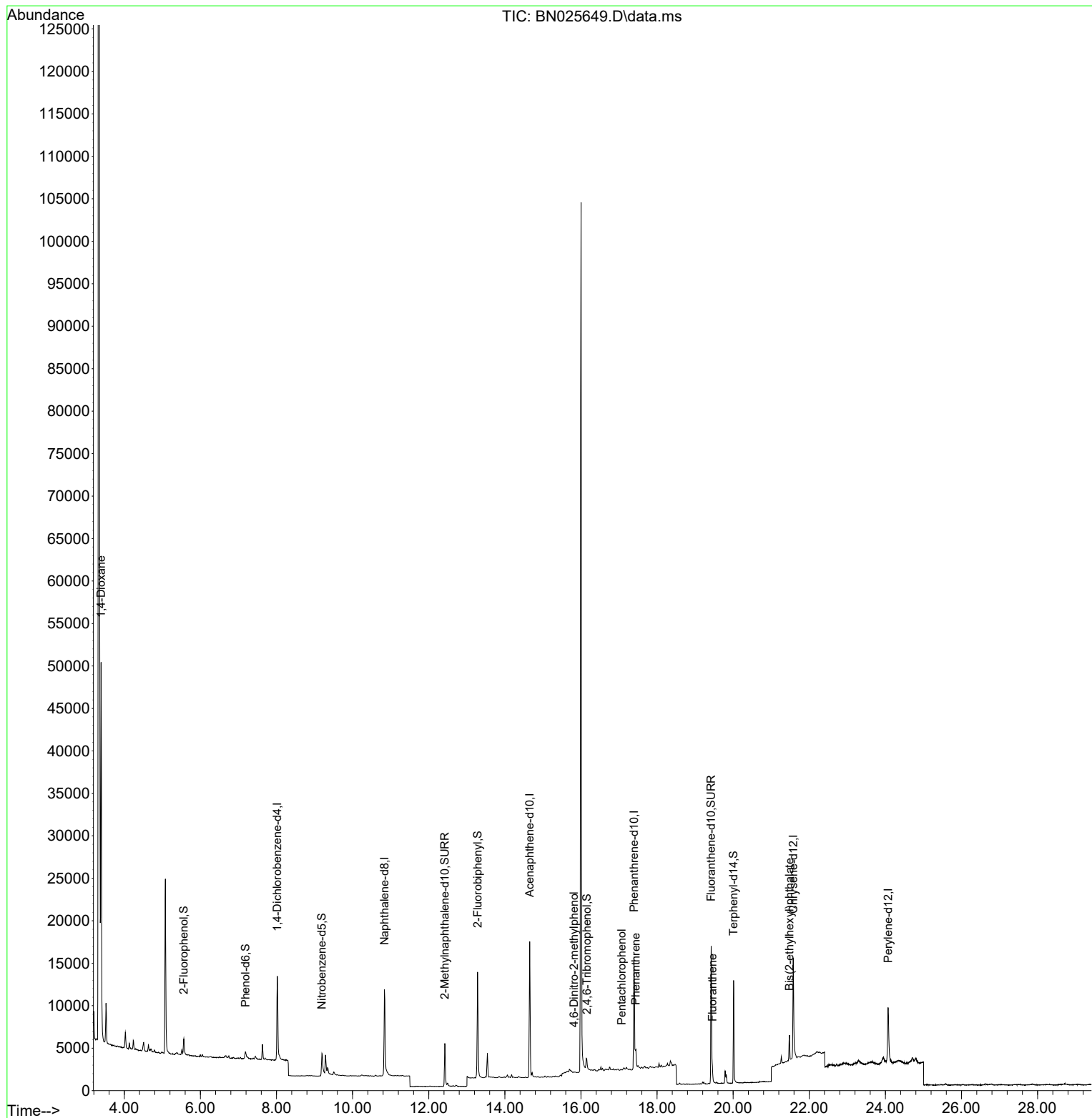
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	5598	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	15722	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	9275	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	19554	0.400	ng	0.00
29) Chrysene-d12	21.578	240	12899	0.400	ng	0.00
35) Perylene-d12	24.072	264	11011	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	2037	0.142	ng	0.00
5) Phenol-d6	7.182	99	1260	0.073	ng	0.00
8) Nitrobenzene-d5	9.191	82	3517	0.267	ng	0.00
11) 2-Methylnaphthalene-d10	12.423	152	7948	0.354	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	881	0.470	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	11623	0.304	ng	0.00
27) Fluoranthene-d10	19.421	212	19219	0.434	ng	0.00
31) Terphenyl-d14	20.011	244	11911	0.422	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.390	88	25454	3.926	ng	98
20) 4,6-Dinitro-2-methylph...	15.817	198	4	0.115	ng	# 1
24) Pentachlorophenol	17.070	266	17	0.379	ng	# 12
25) Phenanthrene	17.443	178	2578	0.043	ng	# 92
28) Fluoranthene	19.453	202	1350	0.021	ng	96
34) Bis(2-ethylhexyl)phtha...	21.480	149	3563	0.122	ng	# 92

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

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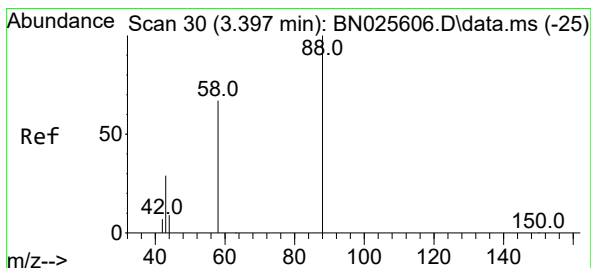
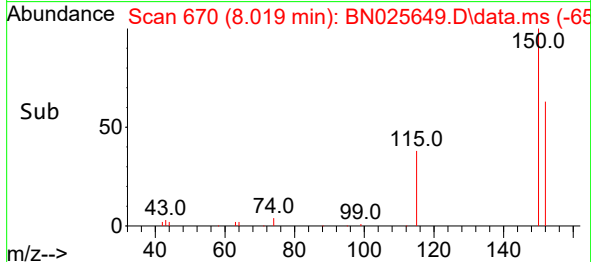
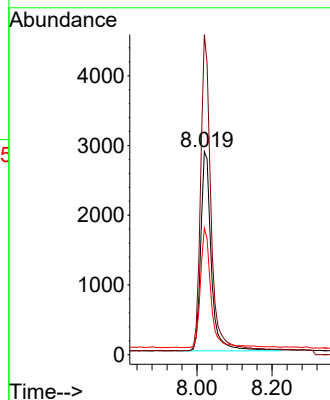
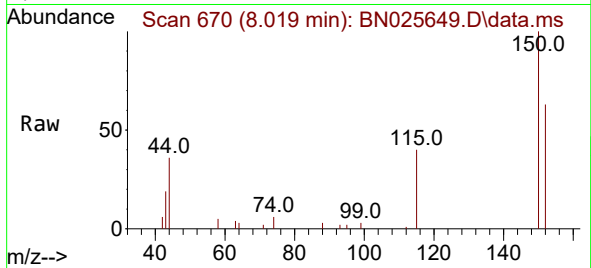




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.019 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN025649.D
Acq: 27 May 2023 17:36

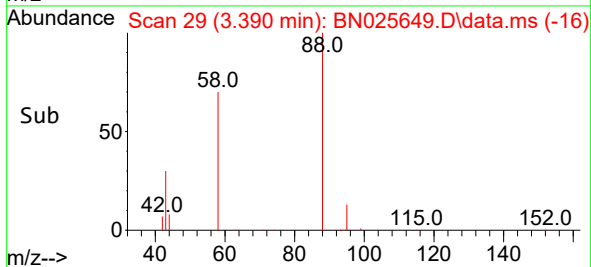
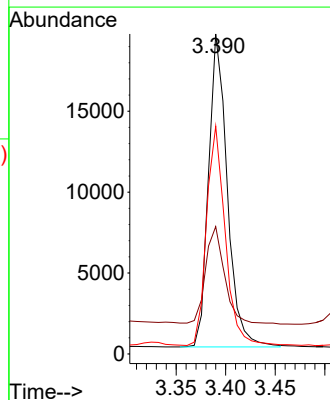
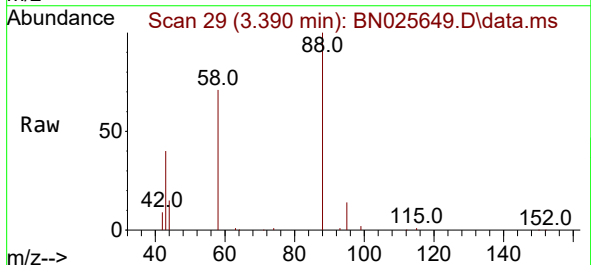
Instrument :
BNA_N
ClientSampleId :
RW4-20230519

Tgt Ion:152 Resp: 5598
Ion Ratio Lower Upper
152 100
150 157.6 121.0 181.6
115 62.3 48.5 72.7



#2
1,4-Dioxane
Concen: 3.926 ng
RT: 3.390 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN025649.D
Acq: 27 May 2023 17:36

Tgt Ion: 88 Resp: 25454
Ion Ratio Lower Upper
88 100
43 31.6 26.5 39.7
58 69.3 56.8 85.2

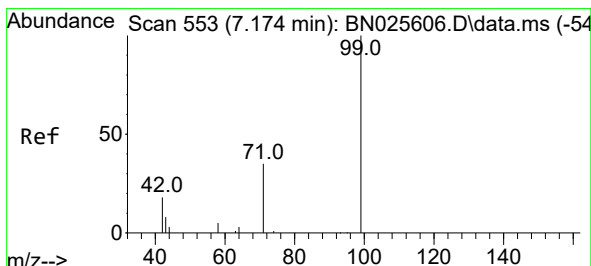
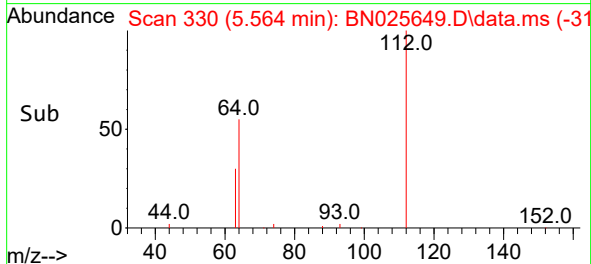
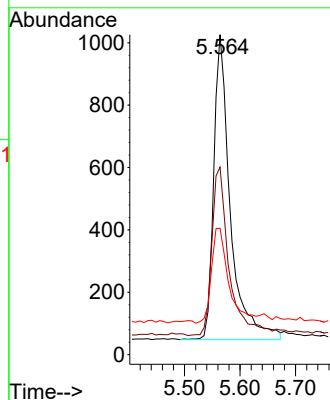
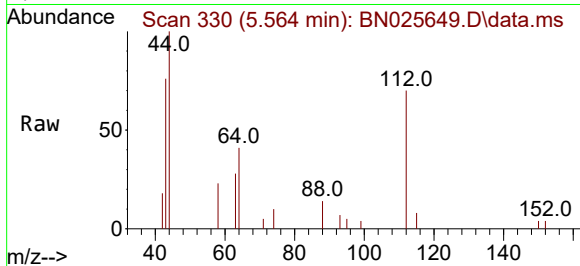




#4
2-Fluorophenol
Concen: 0.142 ng
RT: 5.564 min Scan# 311
Delta R.T. 0.007 min
Lab File: BN025649.D
Acq: 27 May 2023 17:36

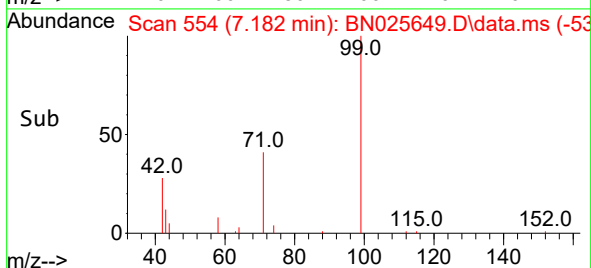
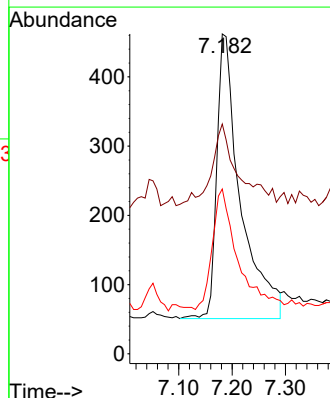
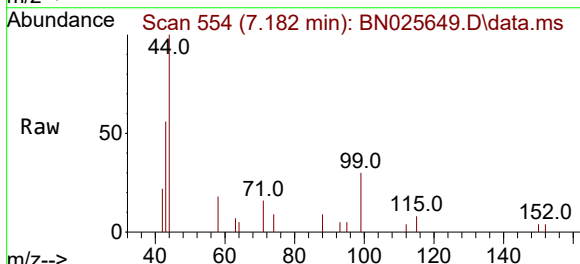
Instrument :
BNA_N
ClientSampleId :
RW4-20230519

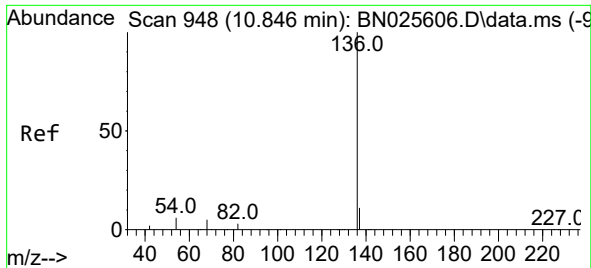
Tgt Ion:	112	Resp:	2037
Ion	Ratio	Lower	Upper
112	100		
64	57.3	45.7	68.5
63	32.4	26.2	39.2



#5
Phenol-d6
Concen: 0.073 ng
RT: 7.182 min Scan# 554
Delta R.T. 0.007 min
Lab File: BN025649.D
Acq: 27 May 2023 17:36

Tgt Ion:	99	Resp:	1260
Ion	Ratio	Lower	Upper
99	100		
42	31.3	17.1	25.7#
71	45.6	29.3	43.9#

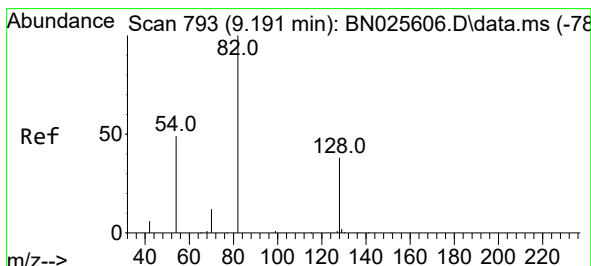
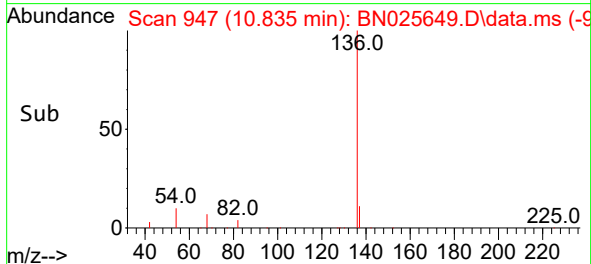
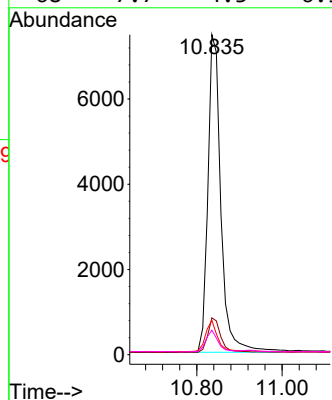
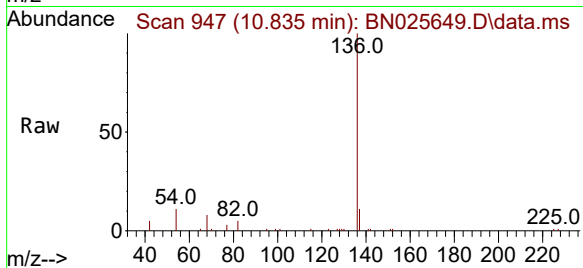




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN025649.D
Acq: 27 May 2023 17:36

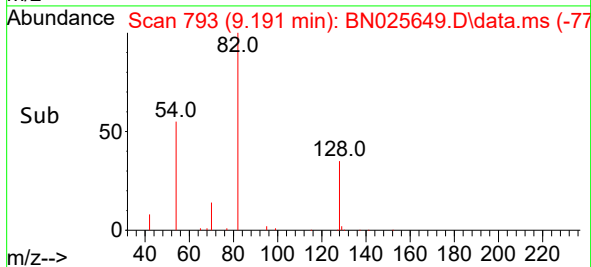
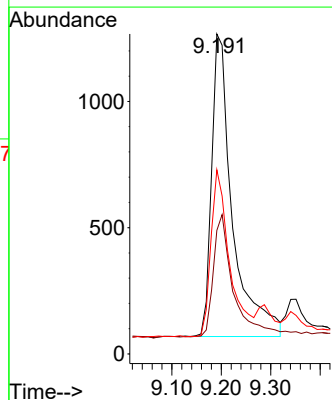
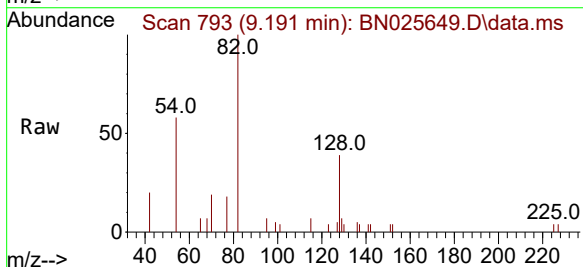
Instrument :
BNA_N
ClientSampleId :
RW4-20230519

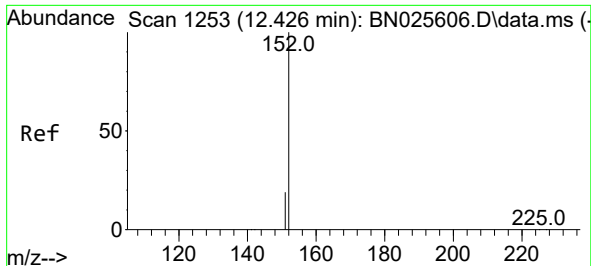
Tgt Ion:	136	Resp:	15722
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.1	13.7
54	10.7	5.4	8.0#
68	7.7	4.3	6.5#



#8
Nitrobenzene-d5
Concen: 0.267 ng
RT: 9.191 min Scan# 793
Delta R.T. -0.000 min
Lab File: BN025649.D
Acq: 27 May 2023 17:36

Tgt Ion:	82	Resp:	3517
Ion Ratio	Lower	Upper	
82	100		
128	38.6	32.5	48.7
54	57.5	40.6	60.8

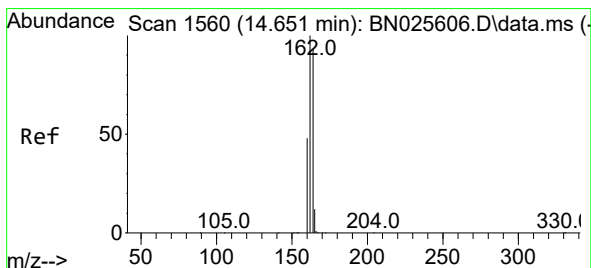
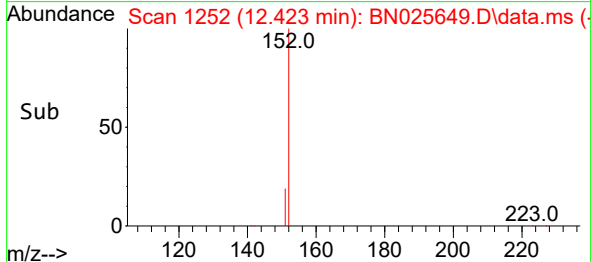
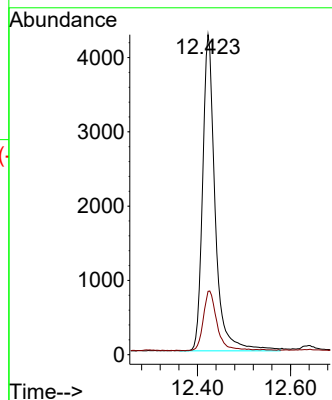
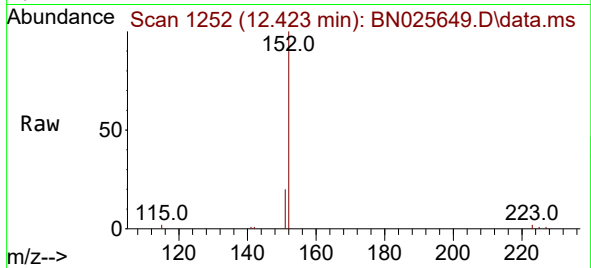




#11
2-Methylnaphthalene-d10
Concen: 0.354 ng
RT: 12.423 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN025649.D
Acq: 27 May 2023 17:36

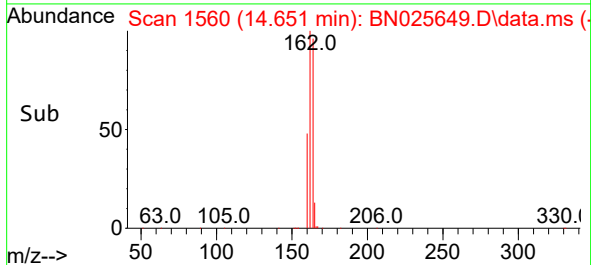
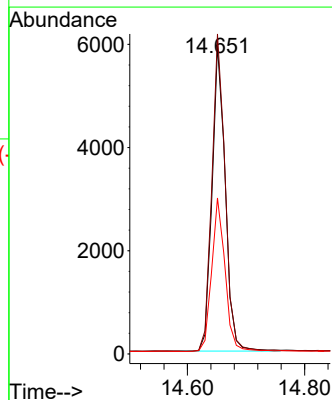
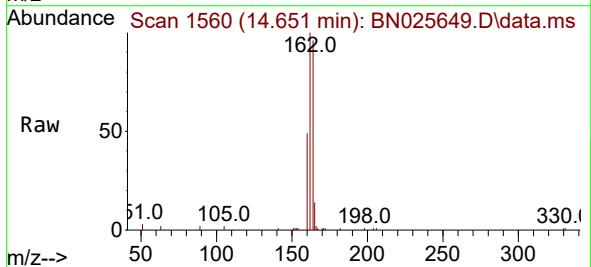
Instrument :
BNA_N
ClientSampleId :
RW4-20230519

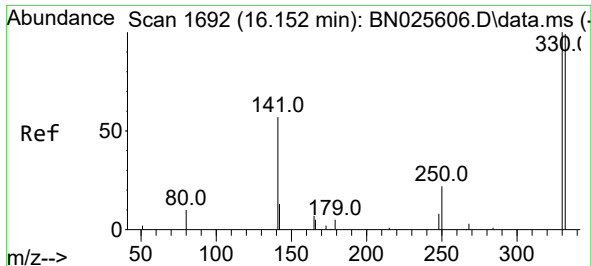
Tgt Ion:152 Resp: 7948
Ion Ratio Lower Upper
152 100
151 20.7 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BN025649.D
Acq: 27 May 2023 17:36

Tgt Ion:164 Resp: 9275
Ion Ratio Lower Upper
164 100
162 103.9 86.4 129.6
160 50.6 41.9 62.9

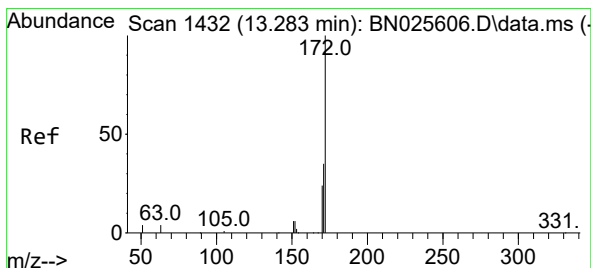
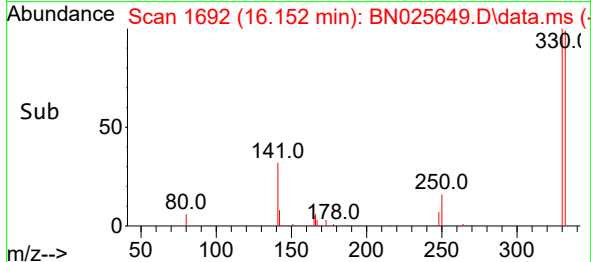
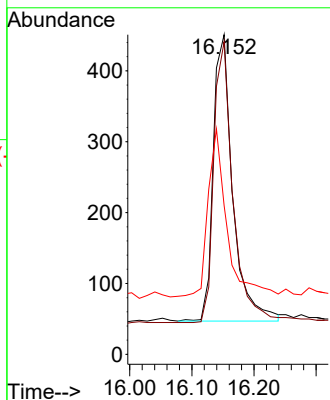
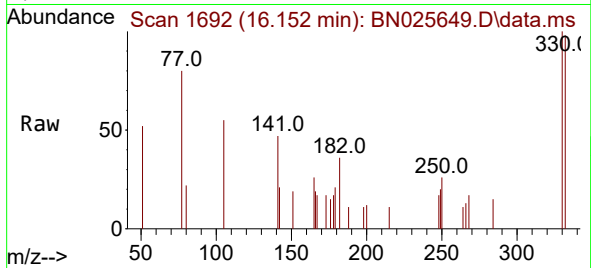




#14
2,4,6-Tribromophenol
Concen: 0.470 ng
RT: 16.152 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN025649.D
Acq: 27 May 2023 17:36

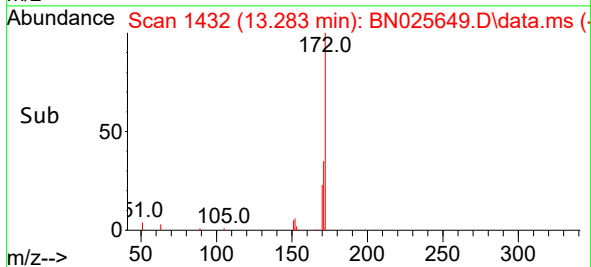
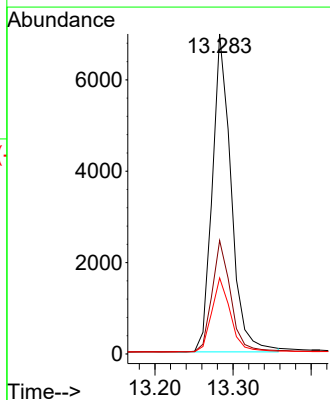
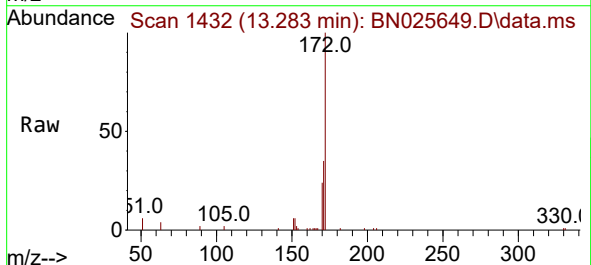
Instrument :
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ClientSampleId :
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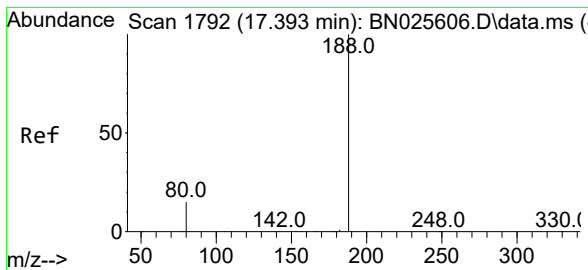
Tgt Ion: 330 Resp: 881
Ion Ratio Lower Upper
330 100
332 96.1 80.0 120.0
141 55.4 45.8 68.6



#15
2-Fluorobiphenyl
Concen: 0.304 ng
RT: 13.283 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN025649.D
Acq: 27 May 2023 17:36

Tgt Ion: 172 Resp: 11623
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.7 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: BN025649.D

Acq: 27 May 2023 17:36

Instrument :

BNA_N

ClientSampleId :

RW4-20230519

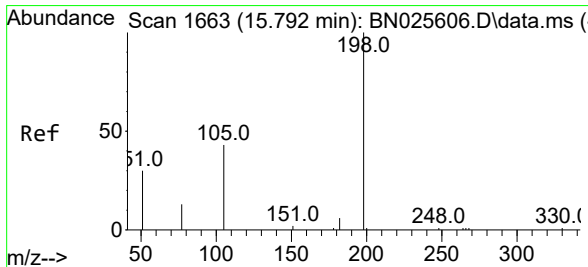
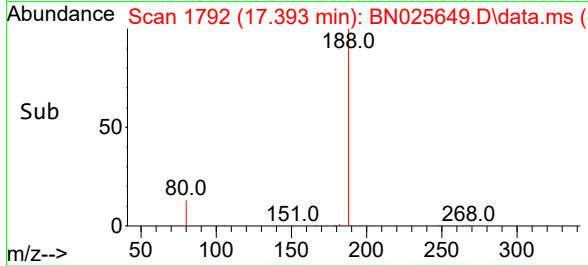
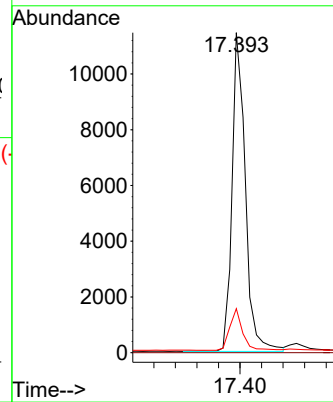
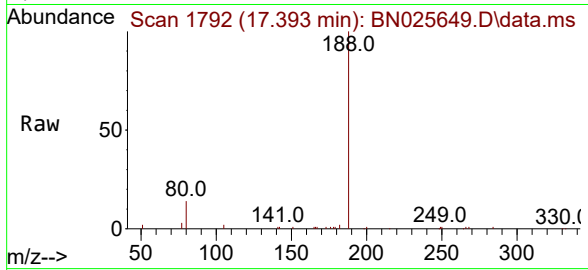
Tgt Ion:188 Resp: 19554

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.8 12.2 18.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.115 ng

RT: 15.817 min Scan# 1665

Delta R.T. 0.025 min

Lab File: BN025649.D

Acq: 27 May 2023 17:36

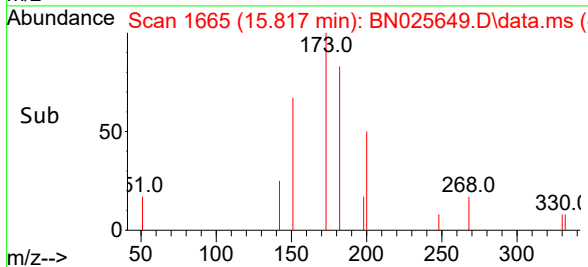
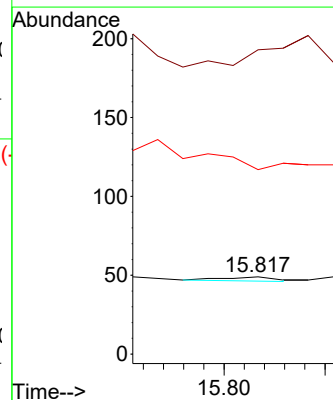
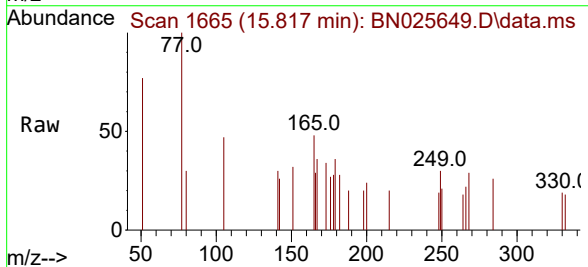
Tgt Ion:198 Resp: 4

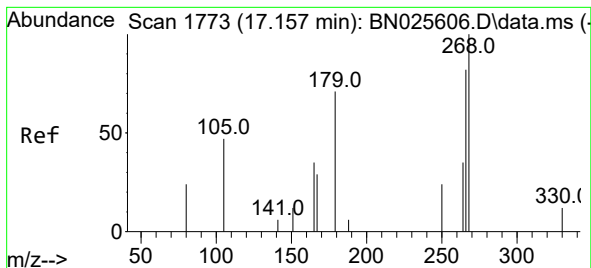
Ion Ratio Lower Upper

198 100

51 393.9 110.8 166.2#

105 238.8 61.9 92.9#





#24

Pentachlorophenol

Concen: 0.379 ng

RT: 17.070 min Scan# 1766

Delta R.T. -0.000 min

Lab File: BN025649.D

Acq: 27 May 2023 17:36

Instrument :

BNA_N

ClientSampleId :

RW4-20230519

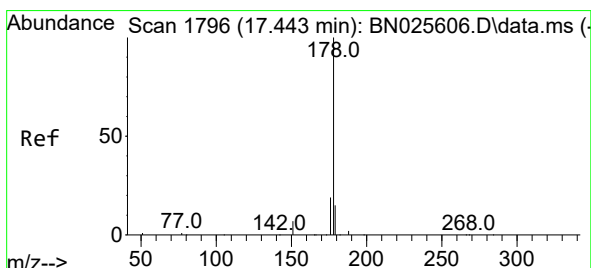
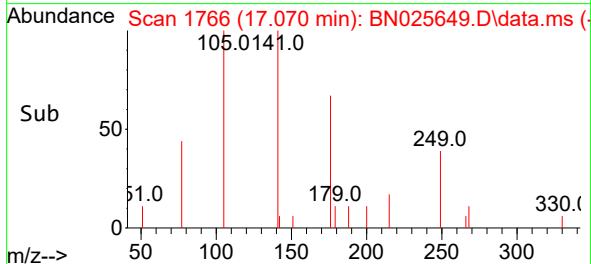
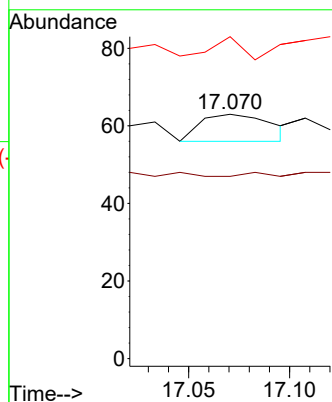
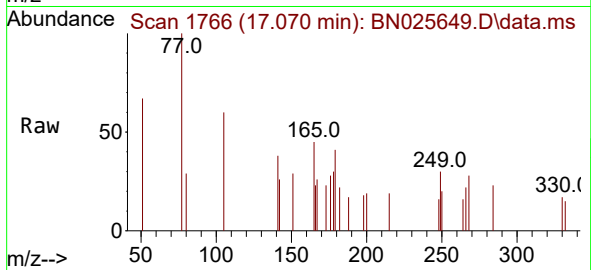
Tgt Ion:266 Resp: 17

Ion Ratio Lower Upper

266 100

264 0.0 60.0 90.0#

268 35.3 0.0 0.0#



#25

Phenanthrene

Concen: 0.043 ng

RT: 17.443 min Scan# 1796

Delta R.T. 0.012 min

Lab File: BN025649.D

Acq: 27 May 2023 17:36

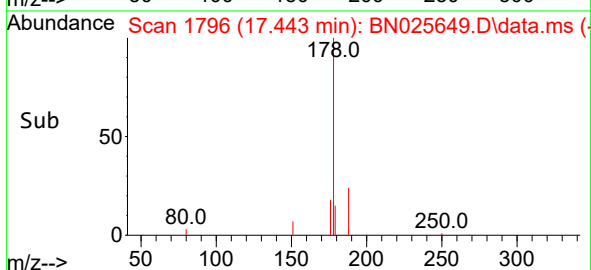
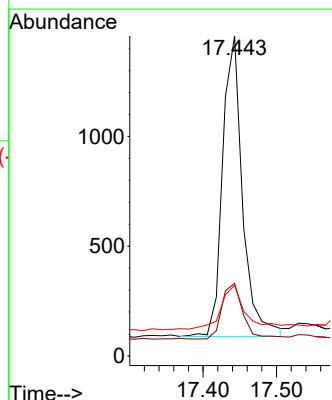
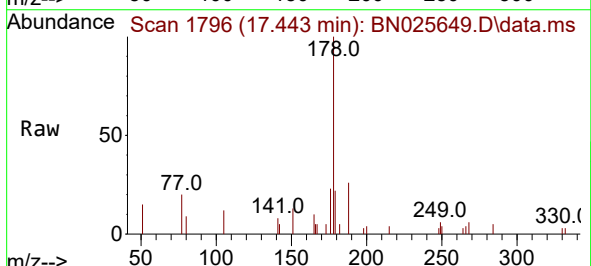
Tgt Ion:178 Resp: 2578

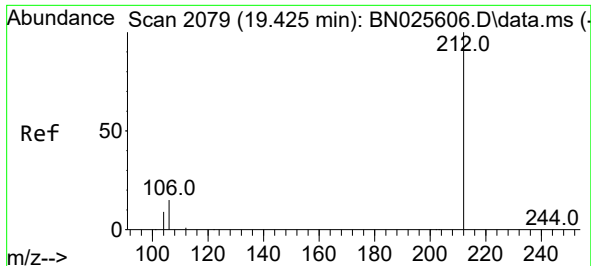
Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.2

179 22.6 12.6 19.0#





#27

Fluoranthene-d10

Concen: 0.434 ng

RT: 19.421 min Scan# 2079

Delta R.T. -0.000 min

Lab File: BN025649.D

Acq: 27 May 2023 17:36

Instrument :

BNA_N

ClientSampleId :

RW4-20230519

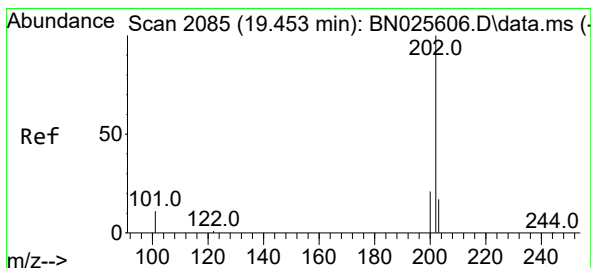
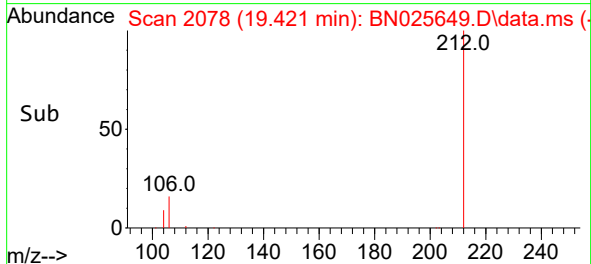
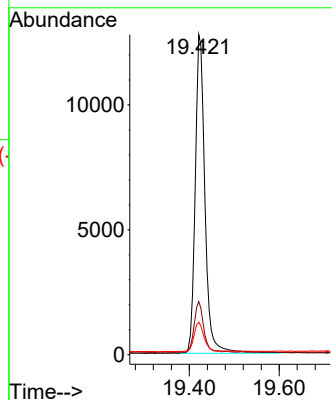
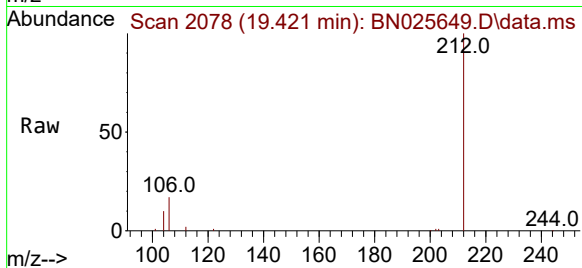
Tgt Ion:212 Resp: 19219

Ion Ratio Lower Upper

212 100

106 15.5 12.3 18.5

104 9.6 7.2 10.8



#28

Fluoranthene

Concen: 0.021 ng

RT: 19.453 min Scan# 2085

Delta R.T. -0.000 min

Lab File: BN025649.D

Acq: 27 May 2023 17:36

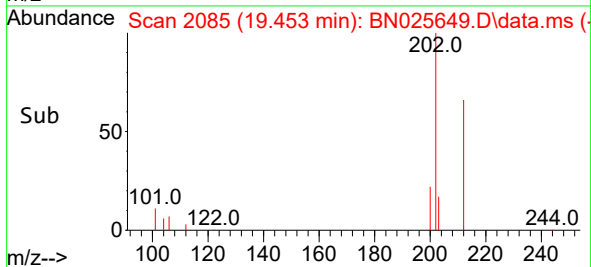
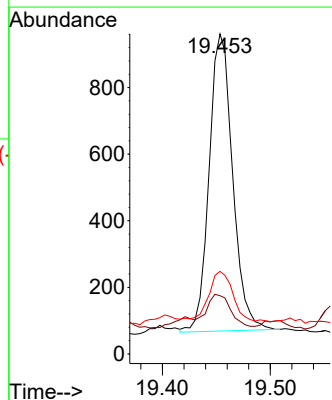
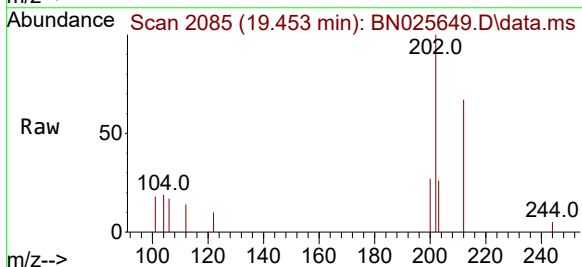
Tgt Ion:202 Resp: 1350

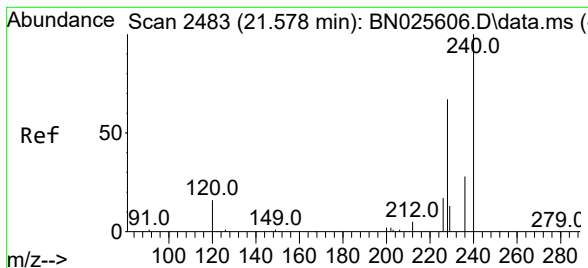
Ion Ratio Lower Upper

202 100

101 11.6 9.2 13.8

203 19.4 13.3 19.9





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.578 min Scan# 2483

Delta R.T. -0.000 min

Lab File: BN025649.D

Acq: 27 May 2023 17:36

Instrument :

BNA_N

ClientSampleId :

RW4-20230519

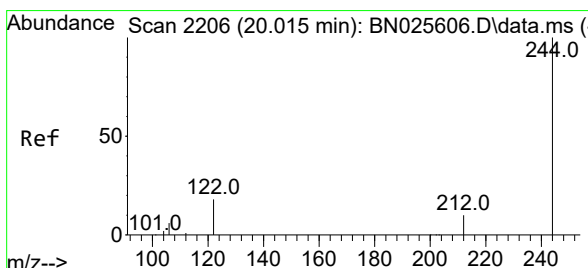
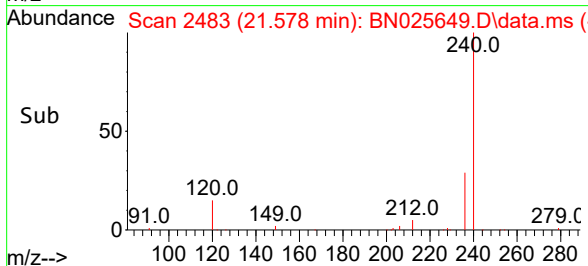
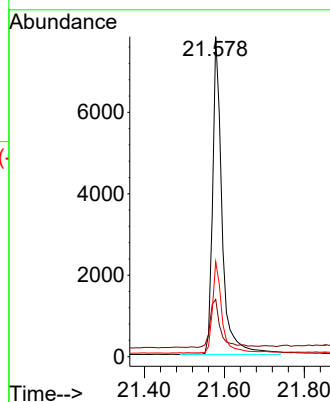
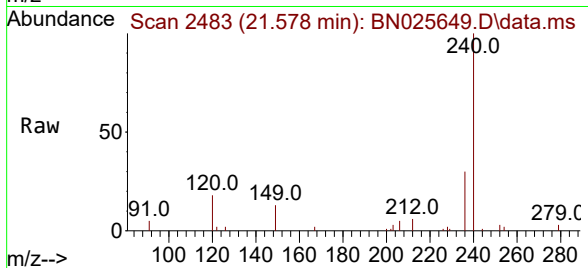
Tgt Ion:240 Resp: 12899

Ion Ratio Lower Upper

240 100

120 17.9 15.4 23.0

236 29.7 23.2 34.8



#31

Terphenyl-d14

Concen: 0.422 ng

RT: 20.011 min Scan# 2205

Delta R.T. -0.005 min

Lab File: BN025649.D

Acq: 27 May 2023 17:36

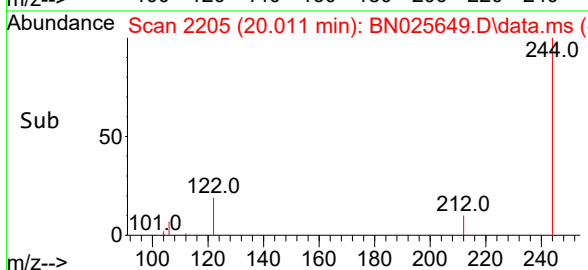
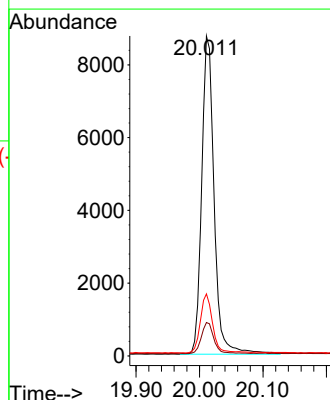
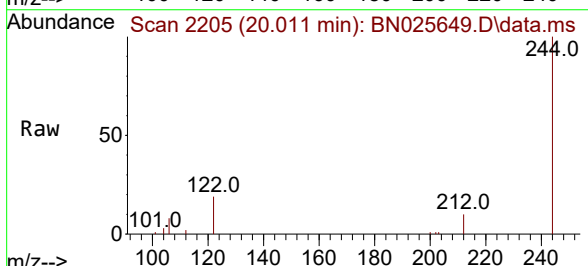
Tgt Ion:244 Resp: 11911

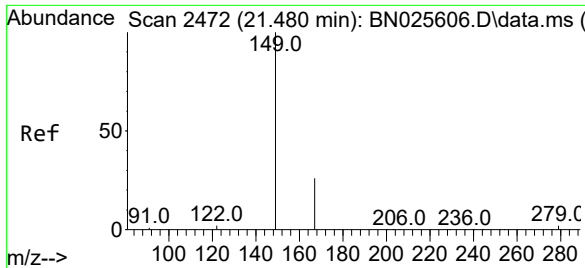
Ion Ratio Lower Upper

244 100

212 10.5 8.5 12.7

122 19.4 14.9 22.3

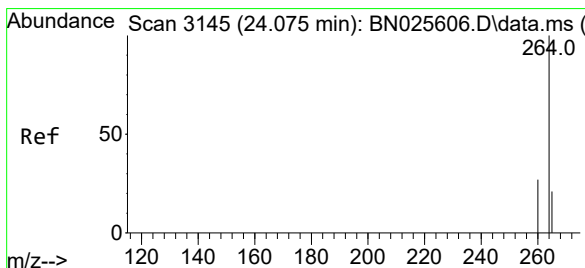
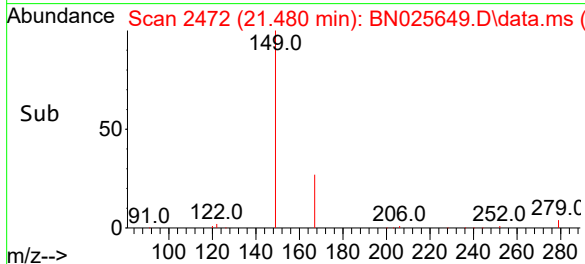
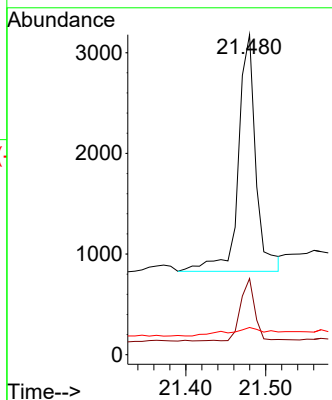
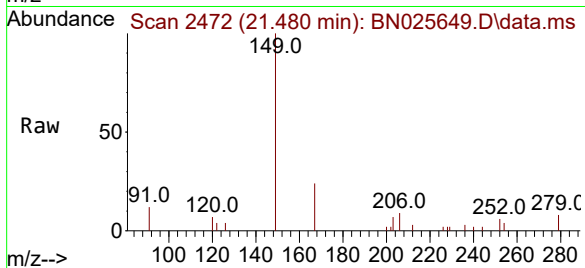




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.122 ng
 RT: 21.480 min Scan# 2472
 Delta R.T. 0.009 min
 Lab File: BN025649.D
 Acq: 27 May 2023 17:36

Instrument :
 BNA_N
 ClientSampleId :
 RW4-20230519

Tgt Ion:149 Resp: 3563
 Ion Ratio Lower Upper
 149 100
 167 22.0 20.4 30.6
 279 8.4 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: BN025649.D
 Acq: 27 May 2023 17:36

Tgt Ion:264 Resp: 11011
 Ion Ratio Lower Upper
 264 100
 260 26.9 22.3 33.5
 265 56.1 54.3 81.5

