

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025635.D
 Acq On : 27 May 2023 08:05
 Operator : CG/JU
 Sample : 02880-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01S-20230518

Quant Time: May 29 00:30:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 27 03:51:06 2023
 Response via : Initial Calibration

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

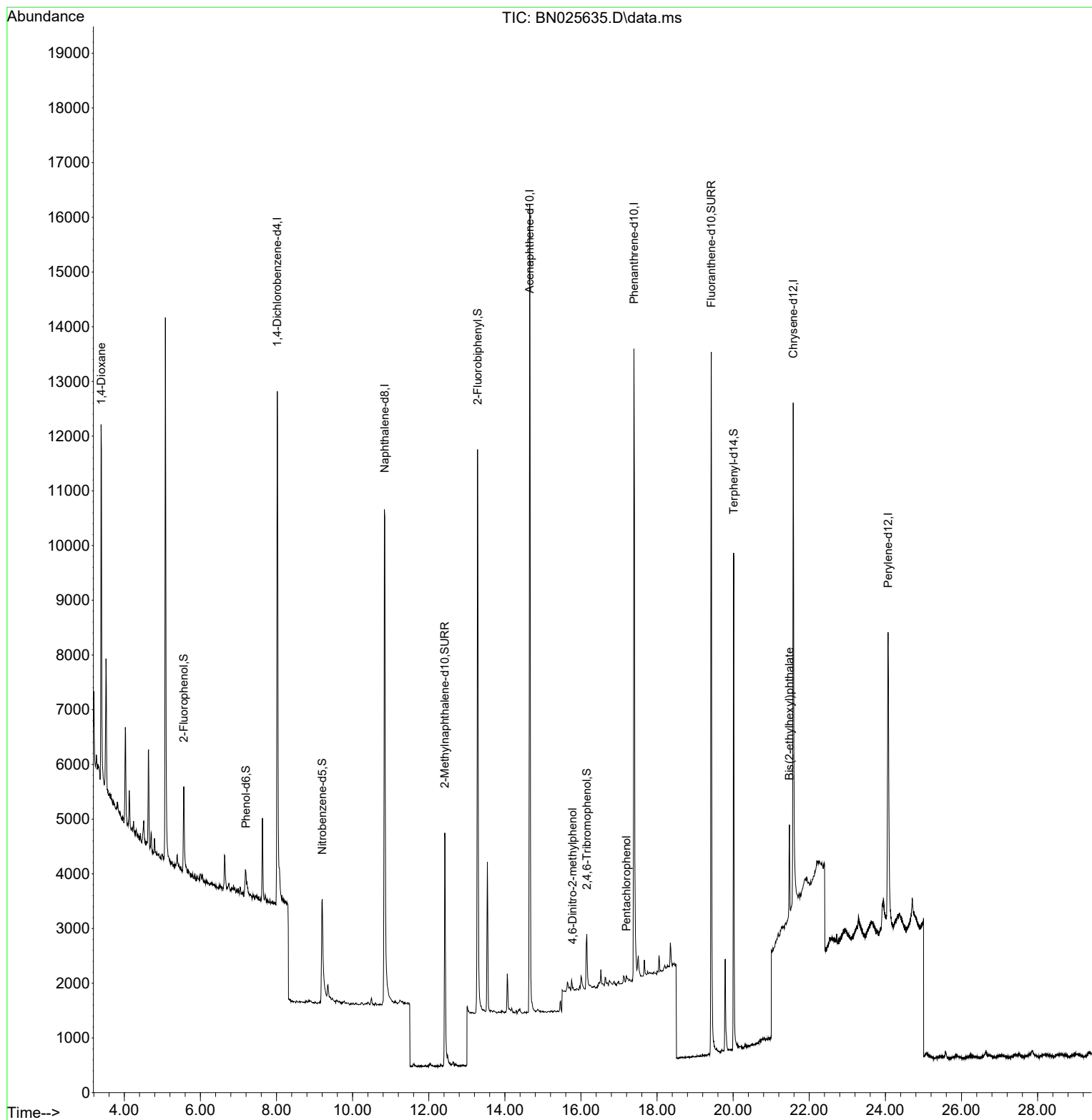
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	5564	0.400	ng	0.00
7) Naphthalene-d8	10.846	136	15504	0.400	ng	0.00
13) Acenaphthene-d10	14.651	164	8852	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	17608	0.400	ng	0.00
29) Chrysene-d12	21.578	240	10085	0.400	ng	0.00
35) Perylene-d12	24.072	264	9094	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	1613	0.113	ng	0.00
5) Phenol-d6	7.196	99	840	0.049	ng	0.02
8) Nitrobenzene-d5	9.201	82	2914	0.224	ng	0.01
11) 2-Methylnaphthalene-d10	12.423	152	6906	0.312	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	691	0.386	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	9948	0.272	ng	0.00
27) Fluoranthene-d10	19.425	212	15730	0.394	ng	0.00
31) Terphenyl-d14	20.015	244	9502	0.430	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.397	88	4252	0.660	ng	99
20) 4,6-Dinitro-2-methylph...	15.779	198	4	0.115	ng	# 1
24) Pentachlorophenol	17.194	266	12	0.376	ng	# 12
34) Bis(2-ethylhexyl)phtha...	21.479	149	1865	0.082	ng	# 95

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

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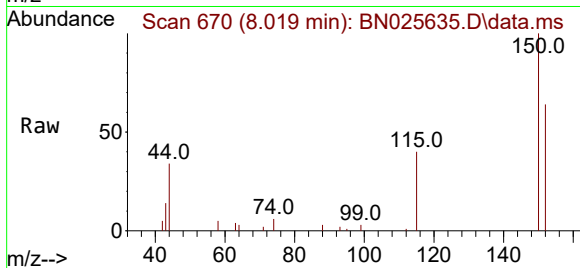
Quant Time: May 29 00:30:49 2023
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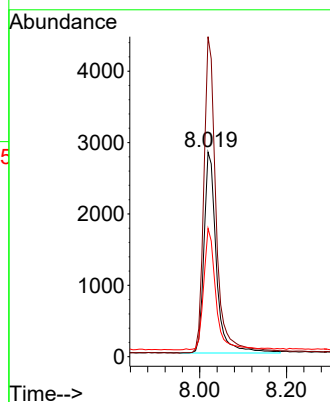
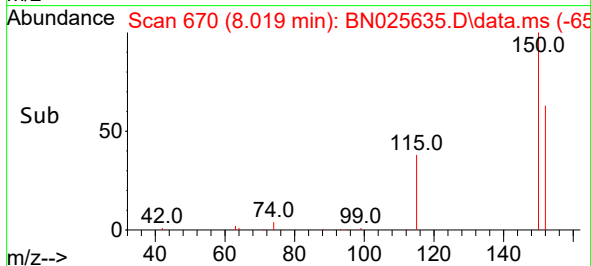


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.019 min Scan# 61
Delta R.T. -0.008 min
Lab File: BN025635.D
Acq: 27 May 2023 08:05

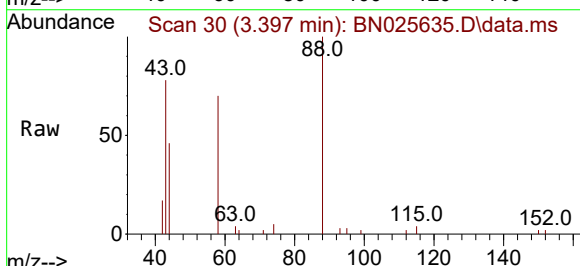
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20230518



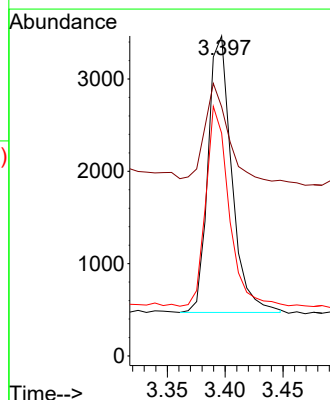
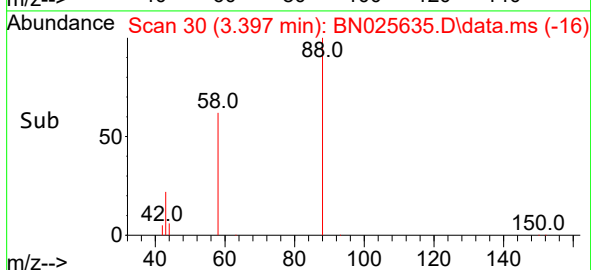
Tgt Ion:152 Resp: 5564
Ion Ratio Lower Upper
152 100
150 156.5 121.0 181.6
115 62.8 48.5 72.7



#2
1,4-Dioxane
Concen: 0.660 ng
RT: 3.397 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN025635.D
Acq: 27 May 2023 08:05



Tgt Ion: 88 Resp: 4252
Ion Ratio Lower Upper
88 100
43 34.4 26.5 39.7
58 70.6 56.8 85.2

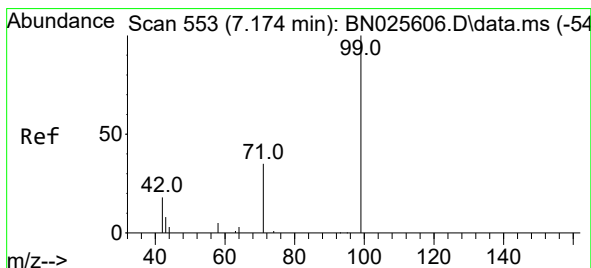
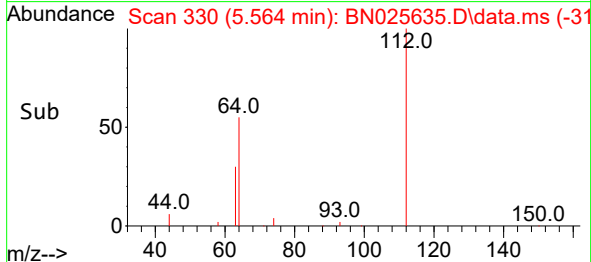
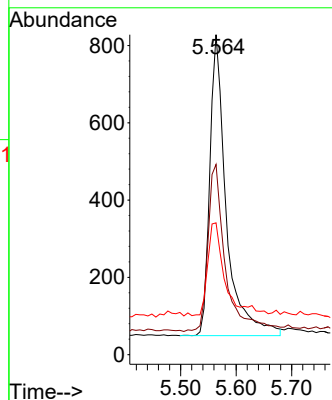
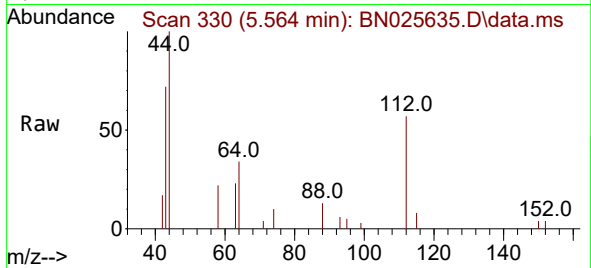




#4
2-Fluorophenol
Concen: 0.113 ng
RT: 5.564 min Scan# 311
Delta R.T. -0.000 min
Lab File: BN025635.D
Acq: 27 May 2023 08:05

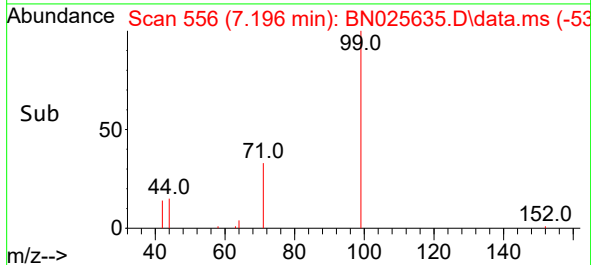
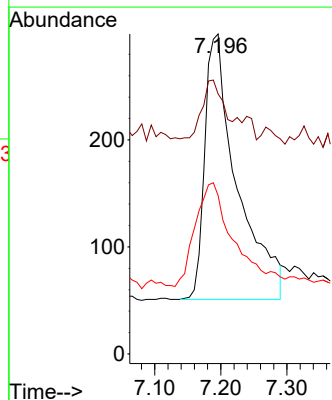
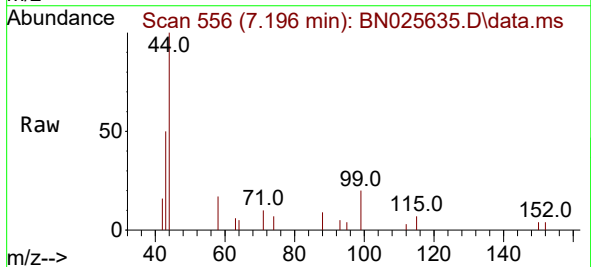
Instrument :
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RW8-MW01S-20230518

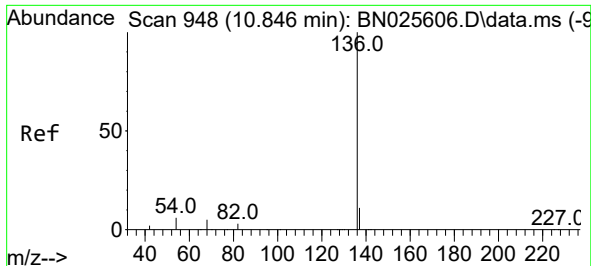
Tgt Ion:112 Resp: 1613
Ion Ratio Lower Upper
112 100
64 59.0 45.7 68.5
63 29.0 26.2 39.2



#5
Phenol-d6
Concen: 0.049 ng
RT: 7.196 min Scan# 556
Delta R.T. 0.022 min
Lab File: BN025635.D
Acq: 27 May 2023 08:05

Tgt Ion: 99 Resp: 840
Ion Ratio Lower Upper
99 100
42 14.5 17.1 25.7#
71 46.5 29.3 43.9#

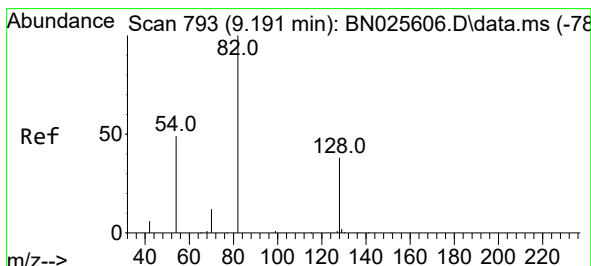
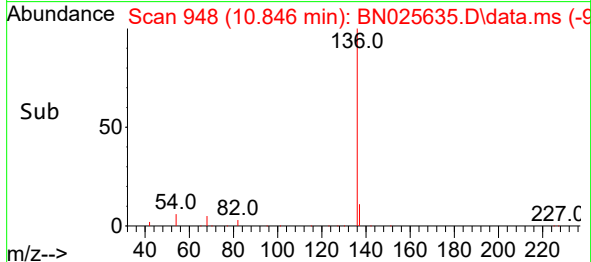
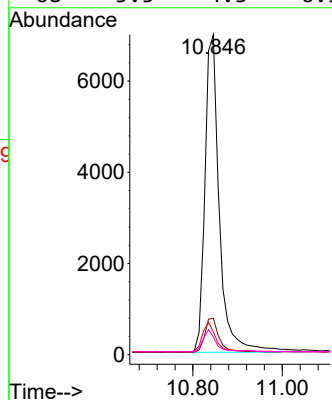
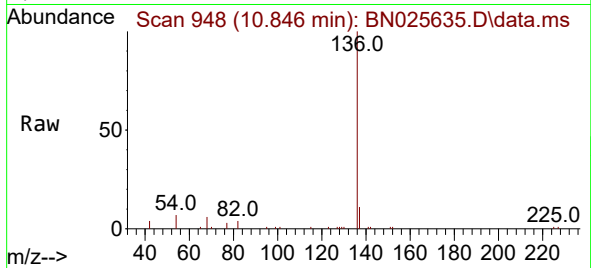




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.846 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN025635.D
Acq: 27 May 2023 08:05

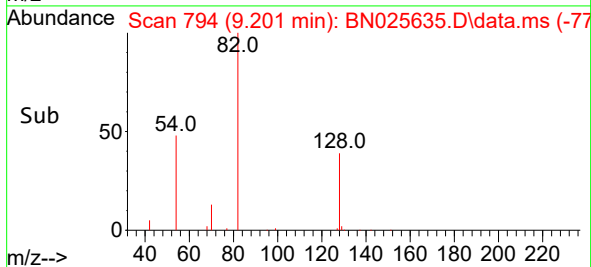
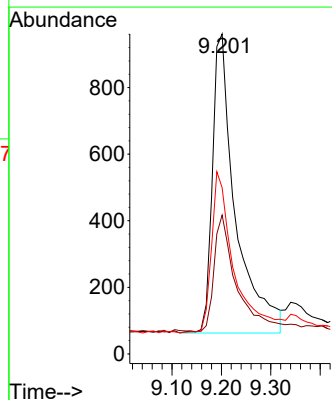
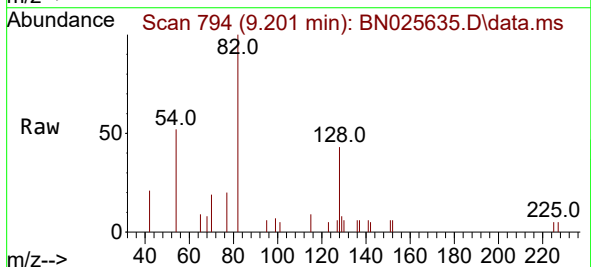
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20230518

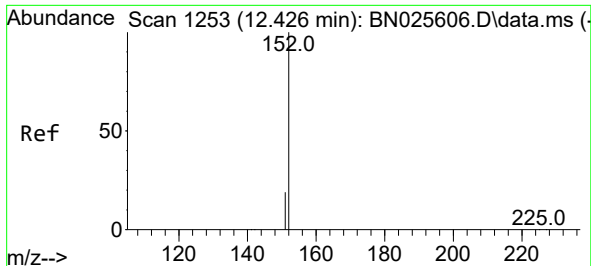
Tgt Ion:	136	Resp:	15504
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.1	13.7
54	7.2	5.4	8.0
68	5.5	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.224 ng
RT: 9.201 min Scan# 794
Delta R.T. 0.011 min
Lab File: BN025635.D
Acq: 27 May 2023 08:05

Tgt Ion:	82	Resp:	2914
Ion Ratio	Lower	Upper	
82	100		
128	43.4	32.5	48.7
54	51.9	40.6	60.8





#11

2-Methylnaphthalene-d10

Concen: 0.312 ng

RT: 12.423 min Scan# 1252

Delta R.T. -0.004 min

Lab File: BN025635.D

Acq: 27 May 2023 08:05

Instrument :

BNA_N

ClientSampleId :

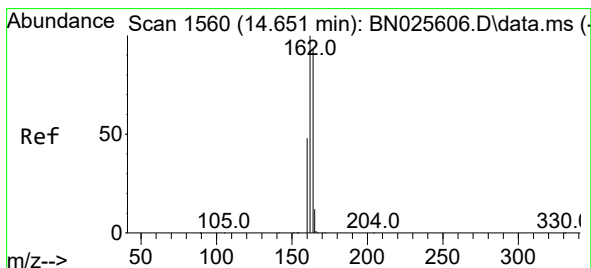
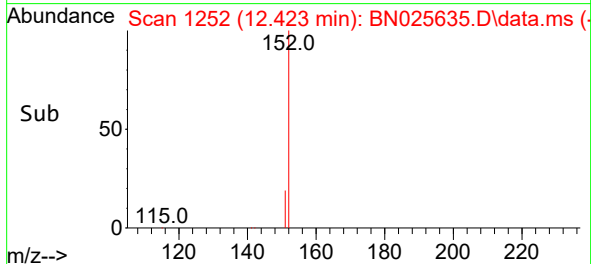
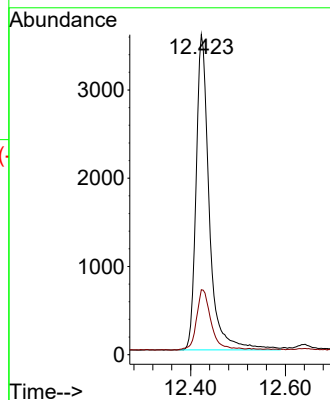
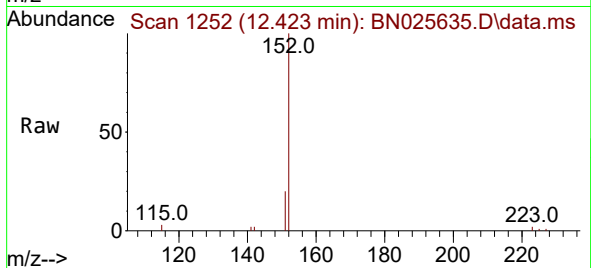
RW8-MW01S-20230518

Tgt Ion:152 Resp: 6906

Ion Ratio Lower Upper

152 100

151 21.2 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: BN025635.D

Acq: 27 May 2023 08:05

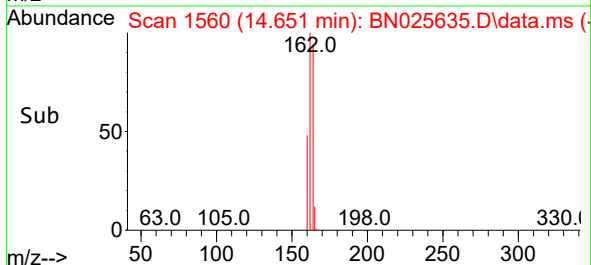
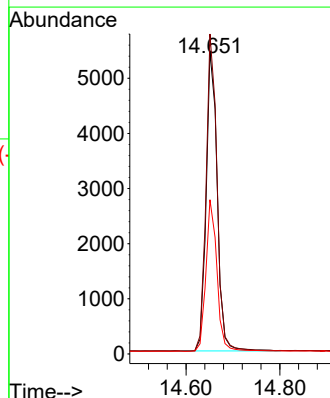
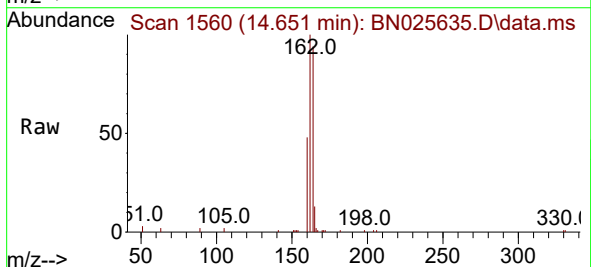
Tgt Ion:164 Resp: 8852

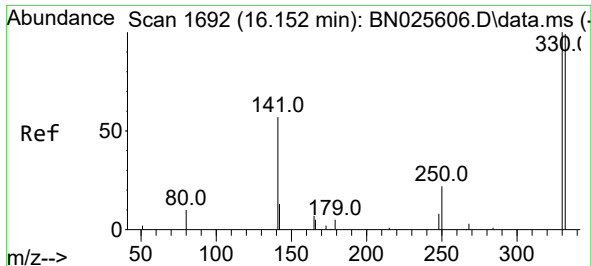
Ion Ratio Lower Upper

164 100

162 105.8 86.4 129.6

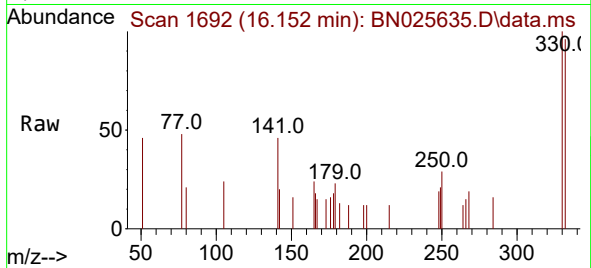
160 51.0 41.9 62.9



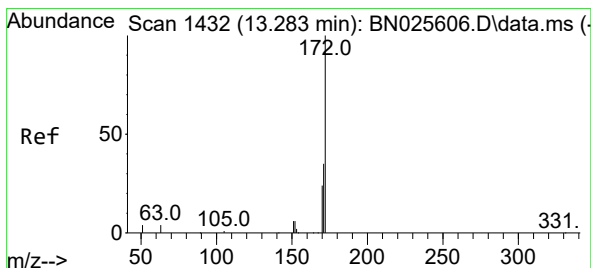
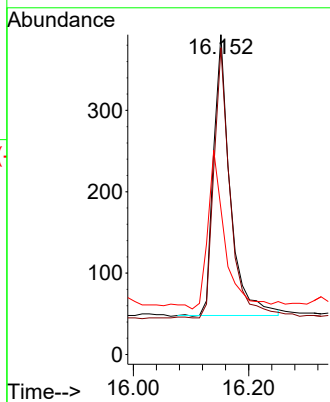
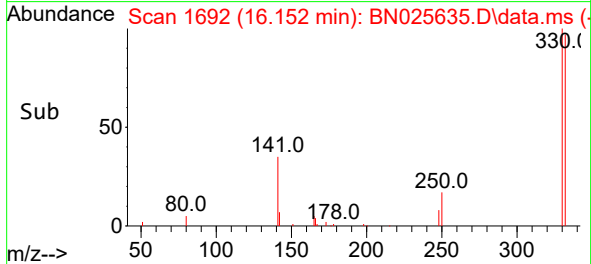


#14
2,4,6-Tribromophenol
Concen: 0.386 ng
RT: 16.152 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN025635.D
Acq: 27 May 2023 08:05

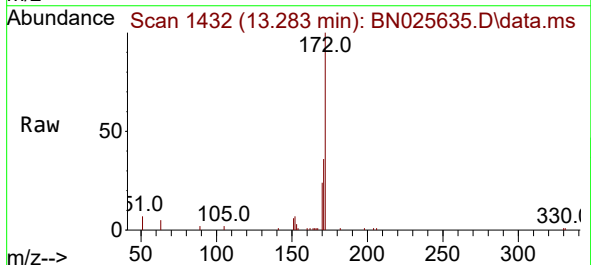
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20230518



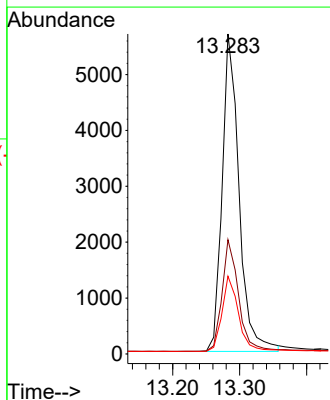
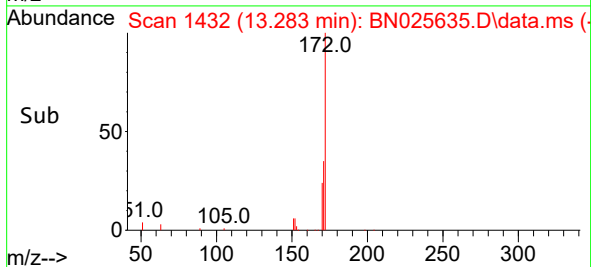
Tgt Ion: 330 Resp: 691
Ion Ratio Lower Upper
330 100
332 95.2 80.0 120.0
141 58.5 45.8 68.6

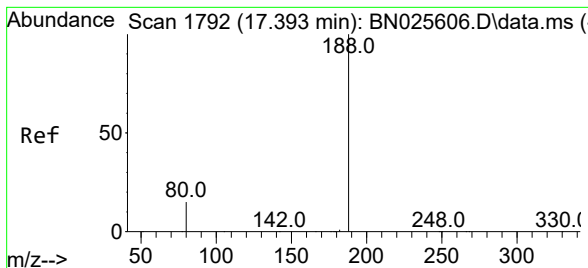


#15
2-Fluorobiphenyl
Concen: 0.272 ng
RT: 13.283 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN025635.D
Acq: 27 May 2023 08:05



Tgt Ion: 172 Resp: 9948
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 24.3 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: BN025635.D

Acq: 27 May 2023 08:05

Instrument :

BNA_N

ClientSampleId :

RW8-MW01S-20230518

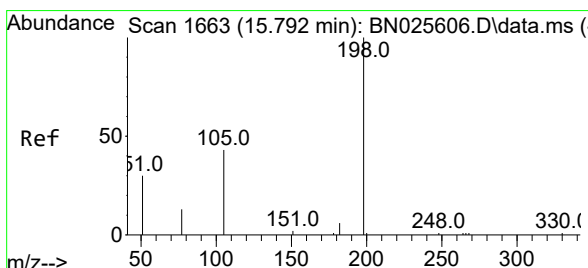
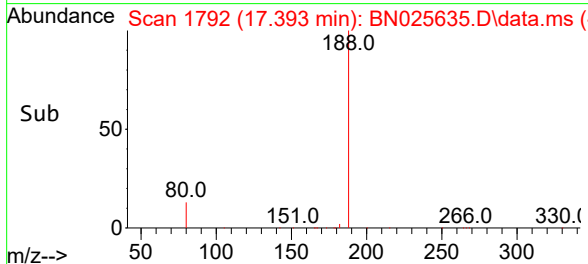
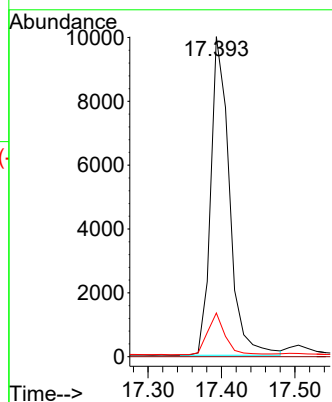
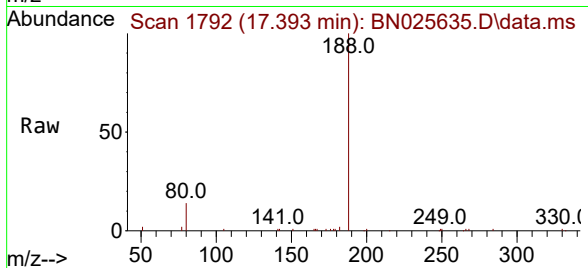
Tgt Ion:188 Resp: 17608

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.7 12.2 18.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.115 ng

RT: 15.779 min Scan# 1662

Delta R.T. -0.013 min

Lab File: BN025635.D

Acq: 27 May 2023 08:05

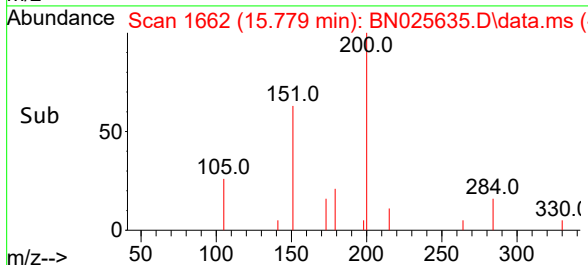
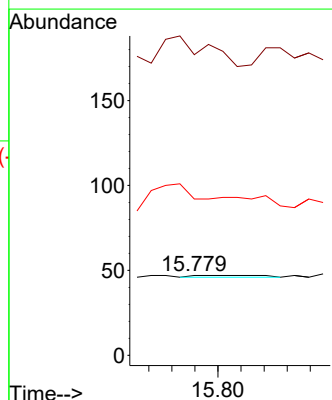
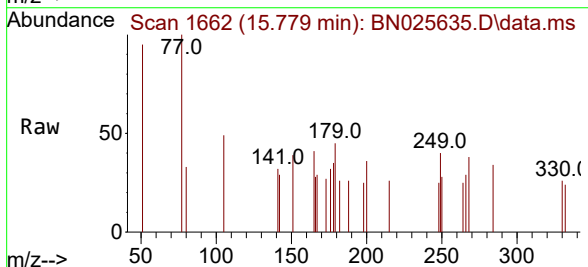
Tgt Ion:198 Resp: 4

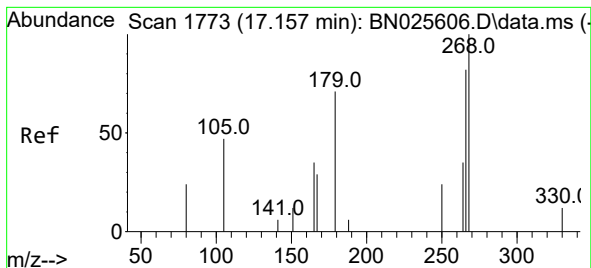
Ion Ratio Lower Upper

198 100

51 376.6 110.8 166.2#

105 195.7 61.9 92.9#





#24

Pentachlorophenol

Concen: 0.376 ng

RT: 17.194 min Scan# 1776

Delta R.T. 0.037 min

Lab File: BN025635.D

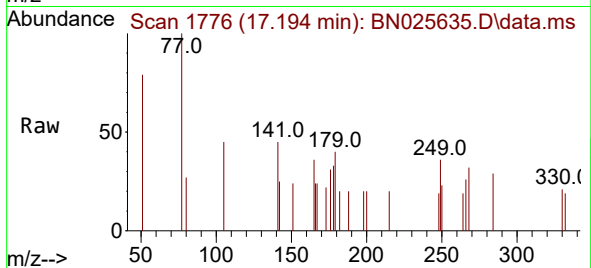
Acq: 27 May 2023 08:05

Instrument :

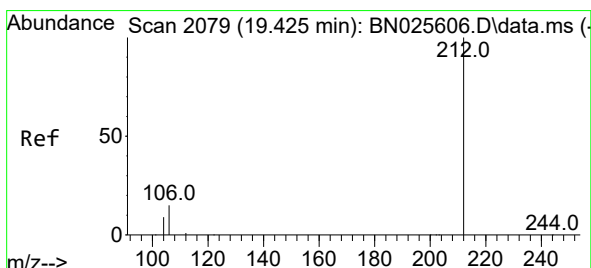
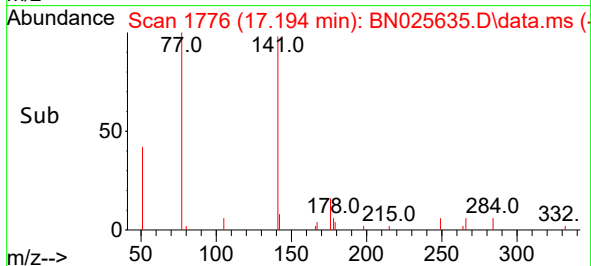
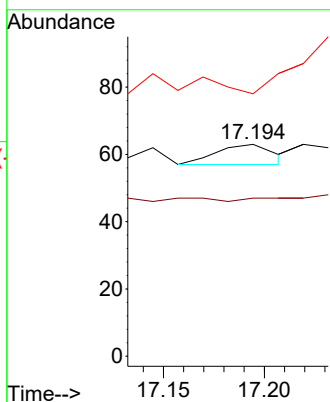
BNA_N

ClientSampleId :

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Tgt Ion:	266	Resp:	12
Ion Ratio	Lower	Upper	
266	100		
264	0.0	60.0	90.0#
268	0.0	0.0	0.0



#27

Fluoranthene-d10

Concen: 0.394 ng

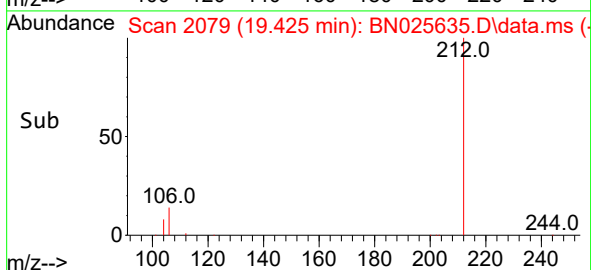
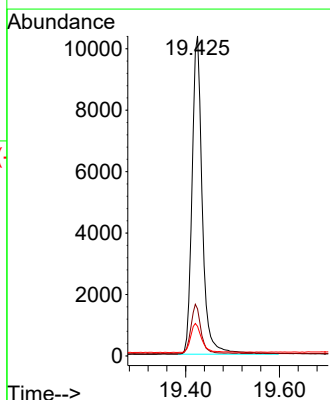
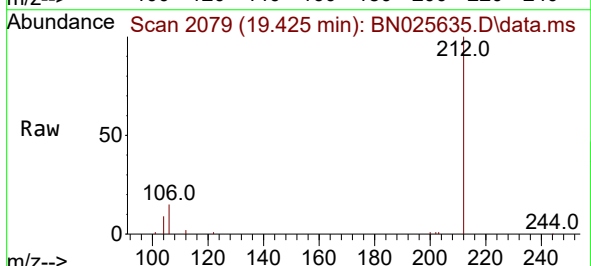
RT: 19.425 min Scan# 2079

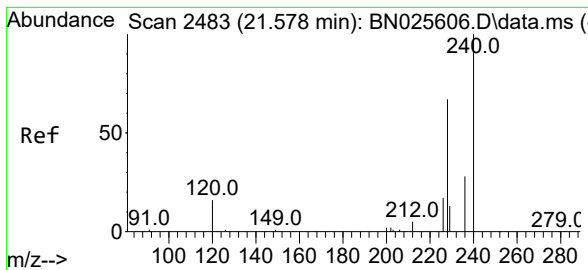
Delta R.T. -0.000 min

Lab File: BN025635.D

Acq: 27 May 2023 08:05

Tgt Ion:	212	Resp:	15730
Ion Ratio	Lower	Upper	
212	100		
106	15.3	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: BN025635.D

Acq: 27 May 2023 08:05

Instrument :

BNA_N

ClientSampleId :

RW8-MW01S-20230518

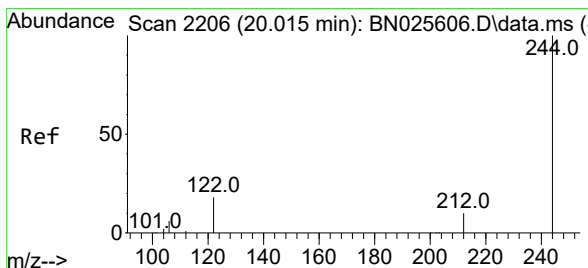
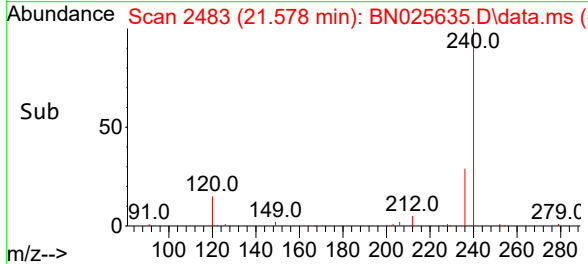
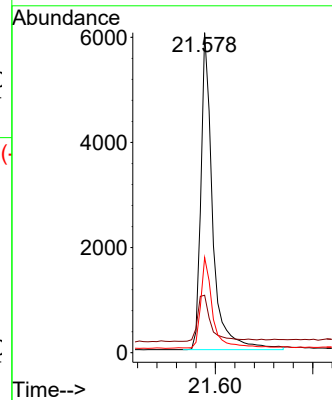
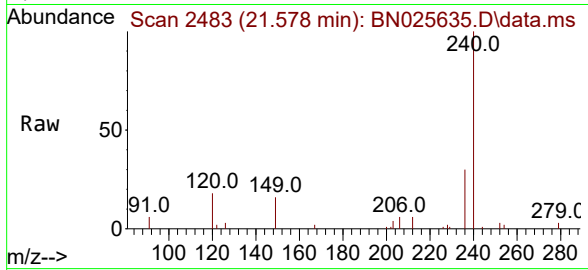
Tgt Ion:240 Resp: 10085

Ion Ratio Lower Upper

240 100

120 17.9 15.4 23.0

236 29.7 23.2 34.8



#31

Terphenyl-d14

Concen: 0.430 ng

RT: 20.015 min Scan# 2206

Delta R.T. -0.000 min

Lab File: BN025635.D

Acq: 27 May 2023 08:05

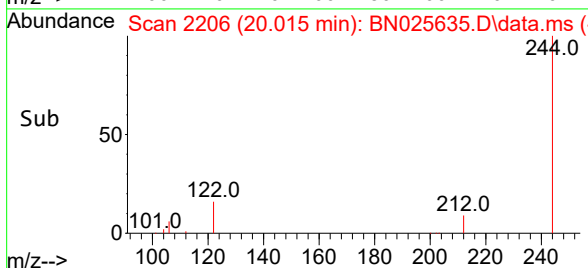
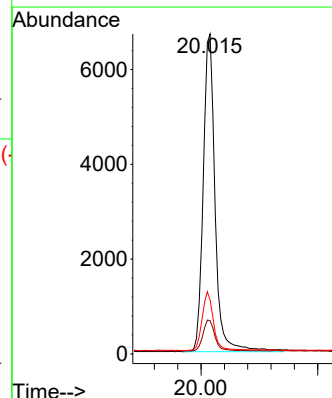
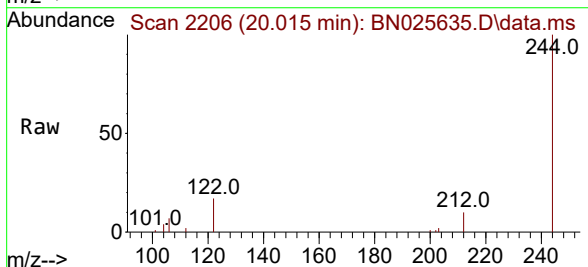
Tgt Ion:244 Resp: 9502

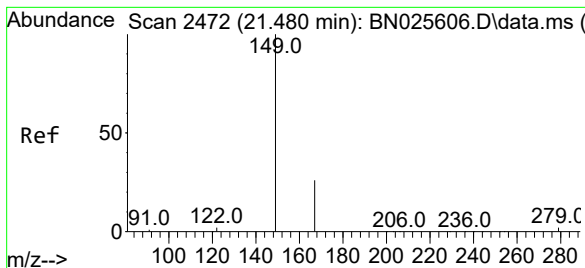
Ion Ratio Lower Upper

244 100

212 10.4 8.5 12.7

122 16.9 14.9 22.3

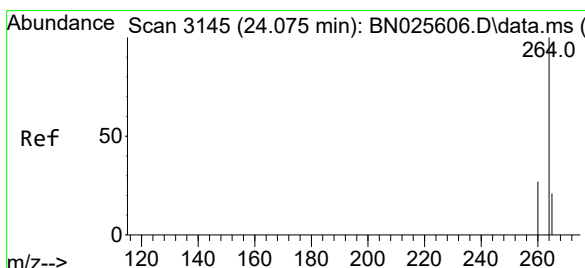
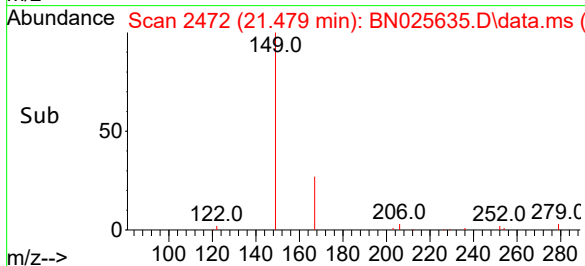
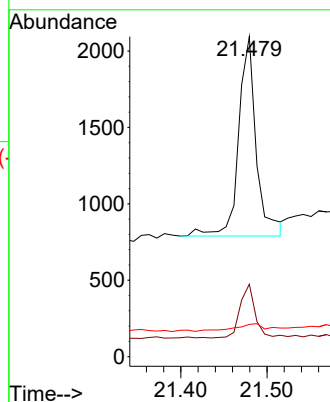
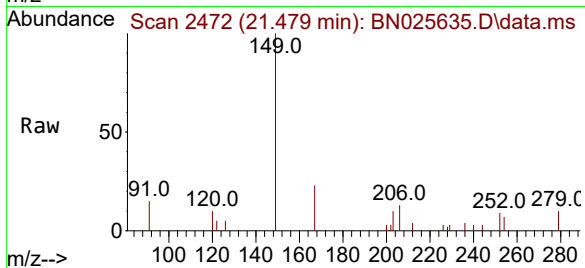




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.082 ng
 RT: 21.479 min Scan# 2472
 Delta R.T. -0.000 min
 Lab File: BN025635.D
 Acq: 27 May 2023 08:05

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01S-20230518

Tgt Ion:149 Resp: 1865
 Ion Ratio Lower Upper
 149 100
 167 23.6 20.4 30.6
 279 7.4 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: BN025635.D
 Acq: 27 May 2023 08:05

Tgt Ion:264 Resp: 9094
 Ion Ratio Lower Upper
 264 100
 260 26.4 22.3 33.5
 265 62.9 54.3 81.5

