

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025656.D
 Acq On : 27 May 2023 21:47
 Operator : CG/JU
 Sample : 02911-06
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW10-MW01S-20230522

Quant Time: May 29 00:55:13 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)

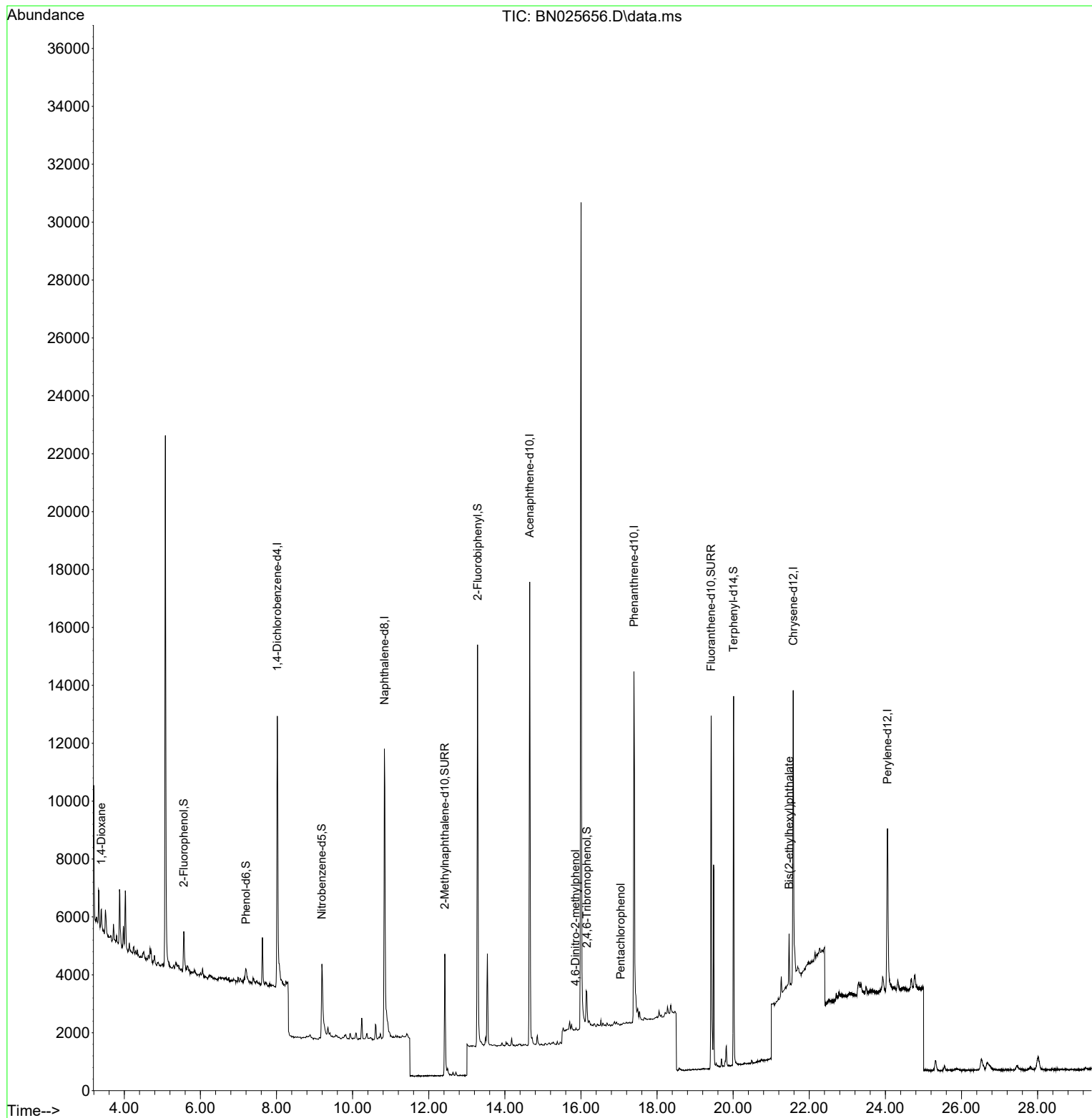
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	5554	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	16011	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	9253	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	18643	0.400	ng	0.00
29) Chrysene-d12	21.578	240	10470	0.400	ng	0.00
35) Perylene-d12	24.054	264	9723	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	1548	0.109	ng	0.00
5) Phenol-d6	7.196	99	892	0.052	ng	0.02
8) Nitrobenzene-d5	9.191	82	3573	0.267	ng	0.00
11) 2-Methylnaphthalene-d10	12.423	152	6801	0.298	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	810	0.433	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	12809	0.335	ng	0.00
27) Fluoranthene-d10	19.421	212	14394	0.341	ng	0.00
31) Terphenyl-d14	20.011	244	12120	0.529	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.397	88	454	0.071	ng	# 71
20) 4,6-Dinitro-2-methylph...	15.854	198	13	0.119	ng	# 1
24) Pentachlorophenol	17.046	266	5	0.369	ng	# 12
34) Bis(2-ethylhexyl)phtha...	21.471	149	1893	0.080	ng	# 100

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

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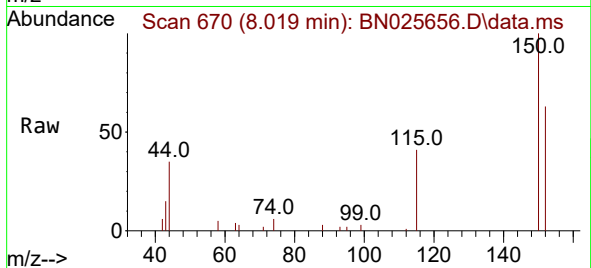
Quant Time: May 29 00:55:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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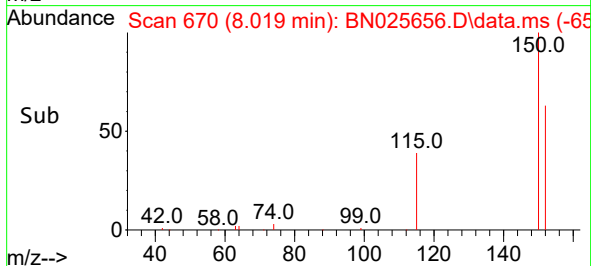
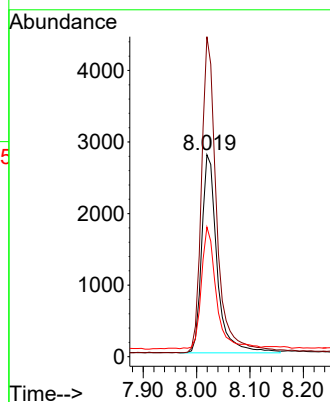


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.019 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN025656.D
Acq: 27 May 2023 21:47

Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20230522

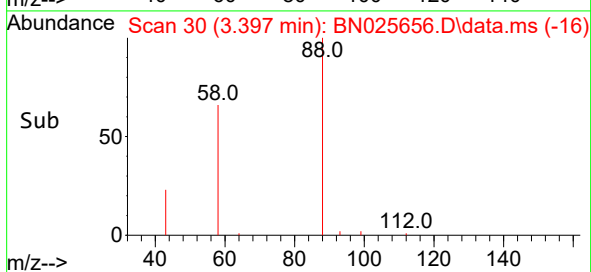
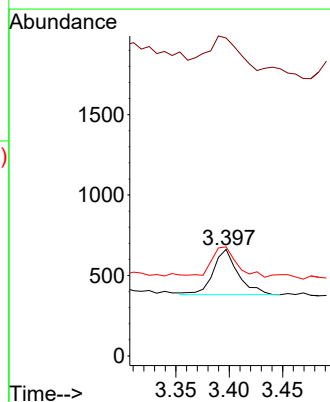
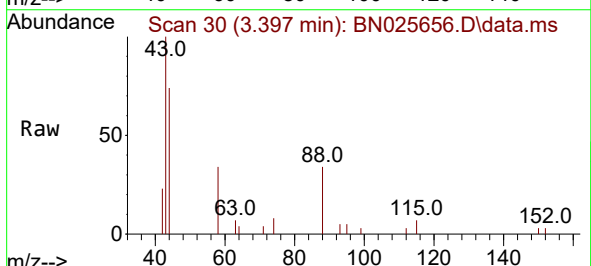


Tgt Ion:152 Resp: 5554
Ion Ratio Lower Upper
152 100
150 158.5 121.0 181.6
115 64.2 48.5 72.7



#2
1,4-Dioxane
Concen: 0.071 ng
RT: 3.397 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN025656.D
Acq: 27 May 2023 21:47

Tgt Ion: 88 Resp: 454
Ion Ratio Lower Upper
88 100
43 78.4 26.5 39.7#
58 67.2 56.8 85.2

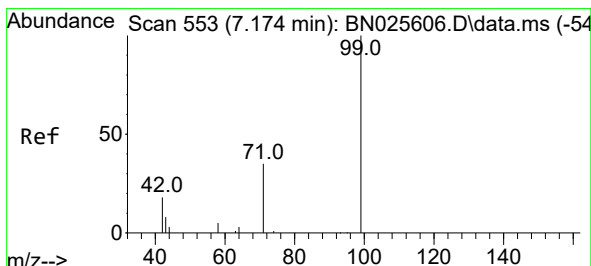
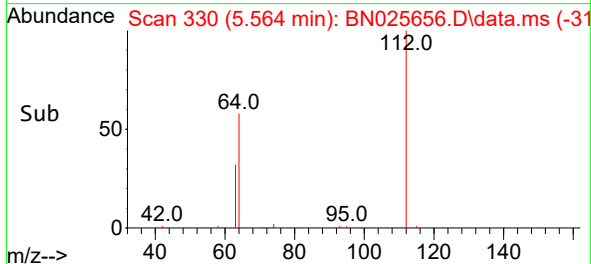
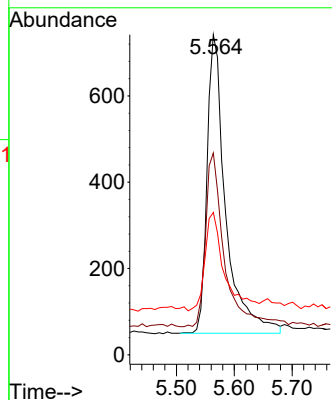
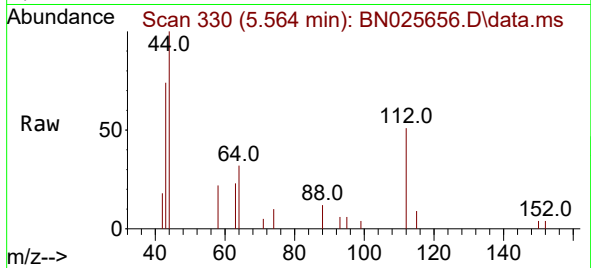




#4
2-Fluorophenol
Concen: 0.109 ng
RT: 5.564 min Scan# 311
Delta R.T. 0.007 min
Lab File: BN025656.D
Acq: 27 May 2023 21:47

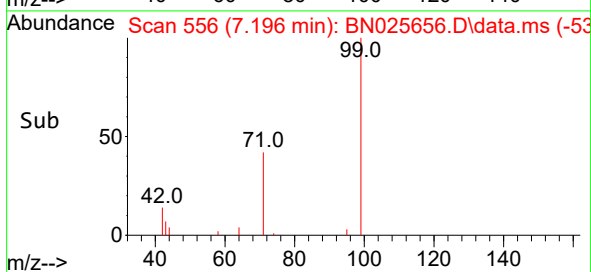
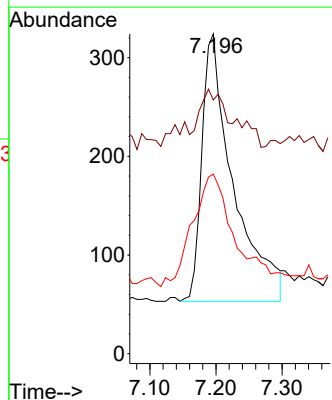
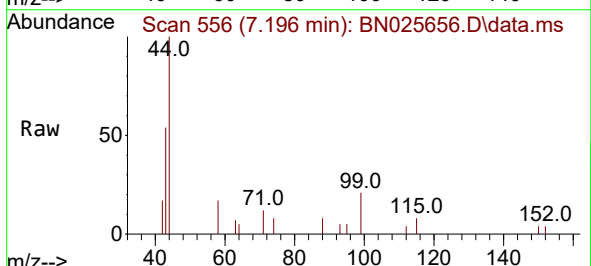
Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20230522

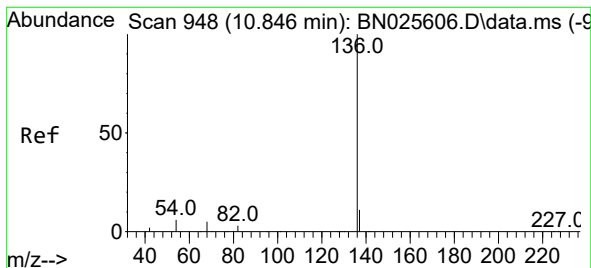
Tgt Ion:112 Resp: 1548
Ion Ratio Lower Upper
112 100
64 59.0 45.7 68.5
63 34.4 26.2 39.2



#5
Phenol-d6
Concen: 0.052 ng
RT: 7.196 min Scan# 556
Delta R.T. 0.022 min
Lab File: BN025656.D
Acq: 27 May 2023 21:47

Tgt Ion: 99 Resp: 892
Ion Ratio Lower Upper
99 100
42 12.2 17.1 25.7#
71 56.3 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: BN025656.D

Acq: 27 May 2023 21:47

Instrument :

BNA_N

ClientSampleId :

RW10-MW01S-20230522

Tgt Ion:136 Resp: 16011

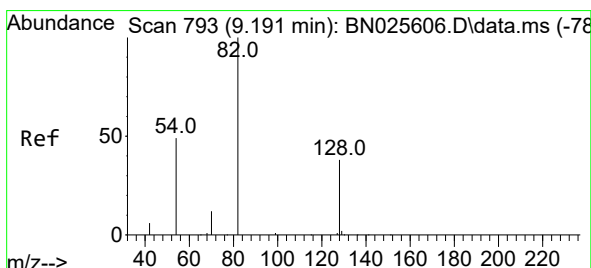
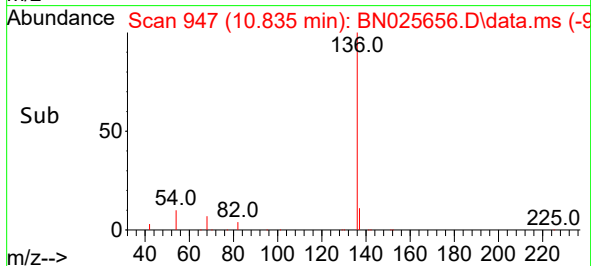
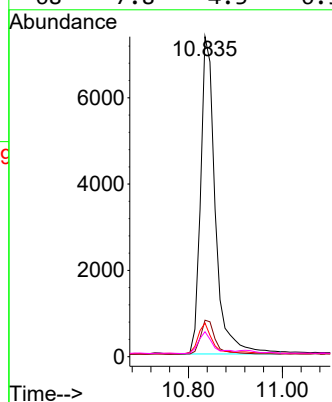
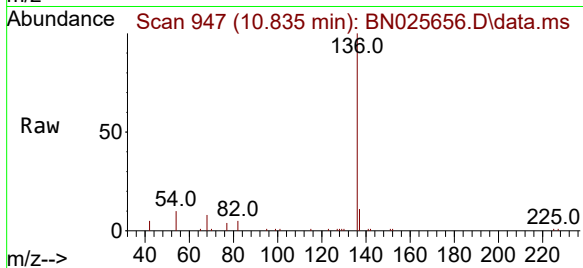
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 10.5 5.4 8.0#

68 7.8 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: BN025656.D

Acq: 27 May 2023 21:47

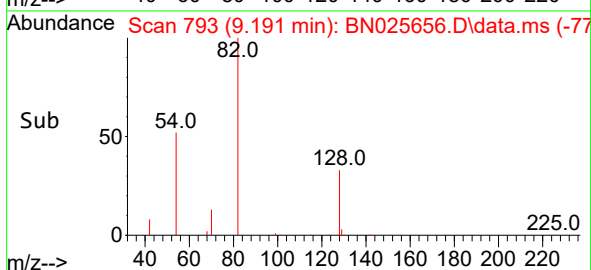
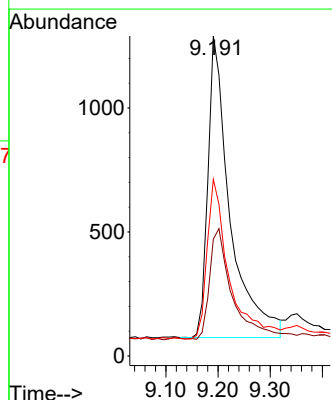
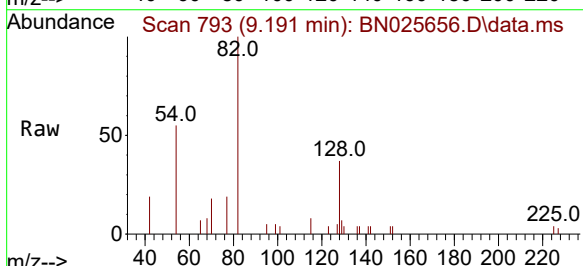
Tgt Ion: 82 Resp: 3573

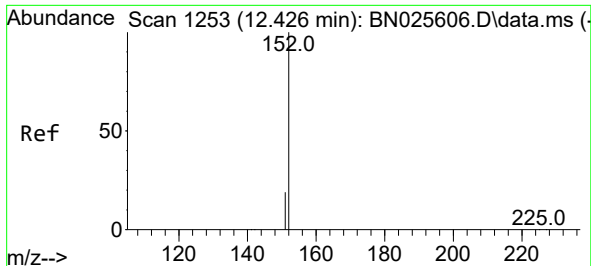
Ion Ratio Lower Upper

82 100

128 36.5 32.5 48.7

54 55.2 40.6 60.8

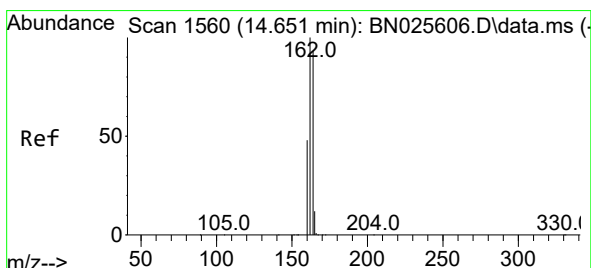
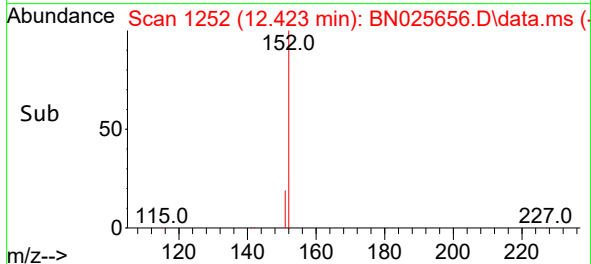
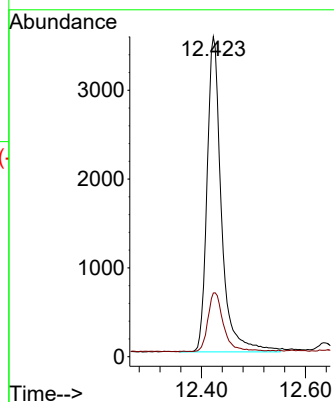
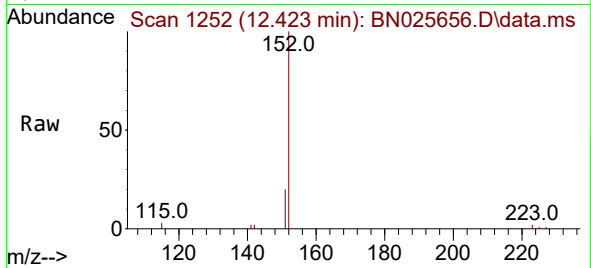




#11
2-Methylnaphthalene-d10
Concen: 0.298 ng
RT: 12.423 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN025656.D
Acq: 27 May 2023 21:47

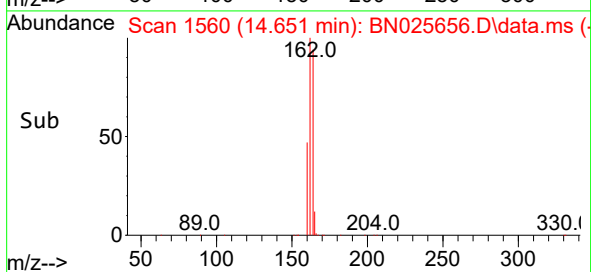
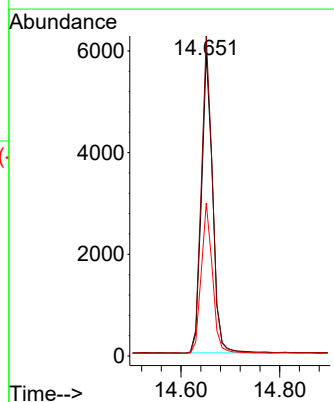
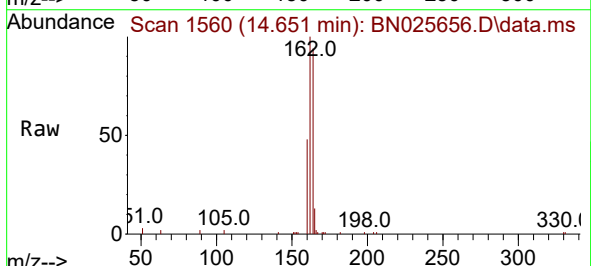
Instrument :
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ClientSampleId :
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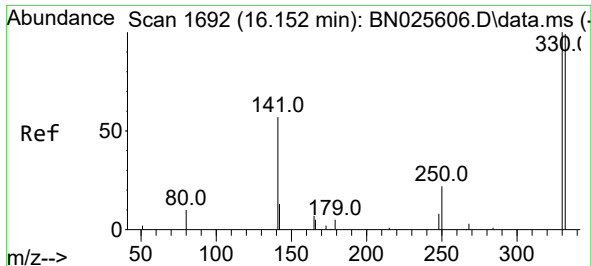
Tgt Ion:152 Resp: 6801
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BN025656.D
Acq: 27 May 2023 21:47

Tgt Ion:164 Resp: 9253
Ion Ratio Lower Upper
164 100
162 105.9 86.4 129.6
160 50.6 41.9 62.9

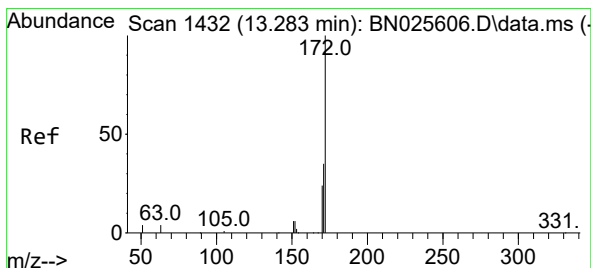
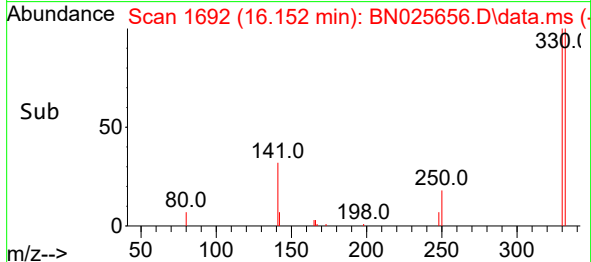
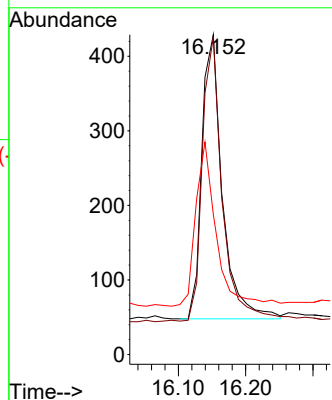
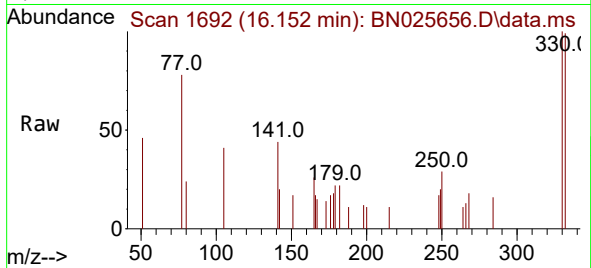




#14
2,4,6-Tribromophenol
Concen: 0.433 ng
RT: 16.152 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN025656.D
Acq: 27 May 2023 21:47

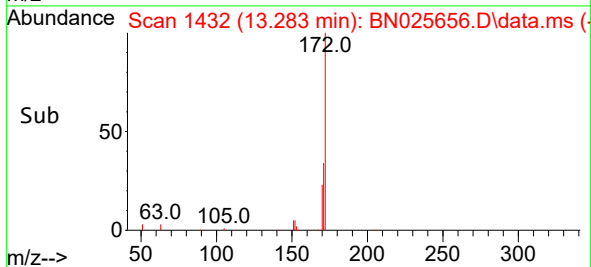
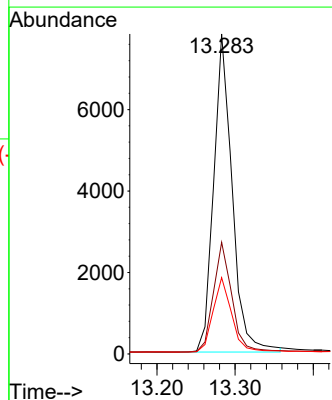
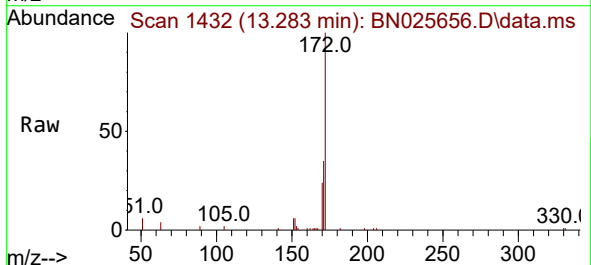
Instrument :
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ClientSampleId :
RW10-MW01S-20230522

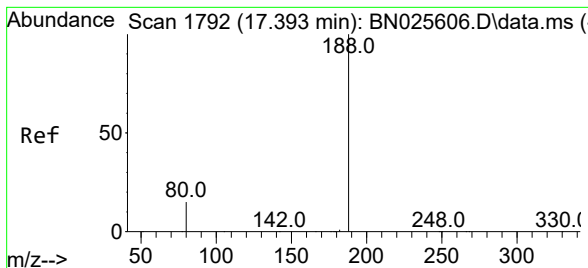
Tgt Ion:330 Resp: 810
Ion Ratio Lower Upper
330 100
332 97.2 80.0 120.0
141 57.4 45.8 68.6



#15
2-Fluorobiphenyl
Concen: 0.335 ng
RT: 13.283 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN025656.D
Acq: 27 May 2023 21:47

Tgt Ion:172 Resp: 12809
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 23.9 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: BN025656.D

Acq: 27 May 2023 21:47

Instrument :

BNA_N

ClientSampleId :

RW10-MW01S-20230522

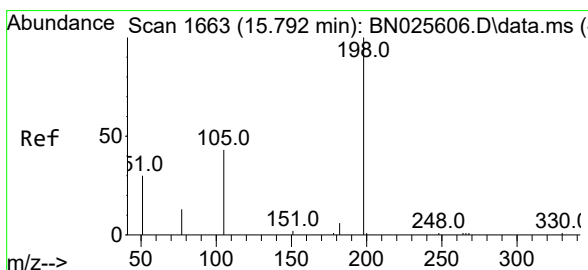
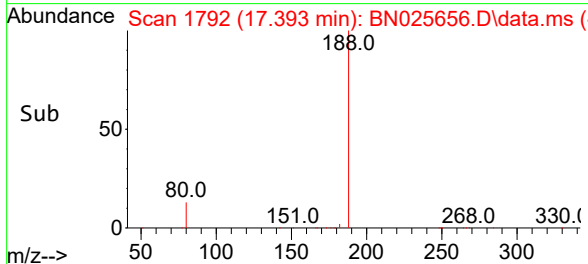
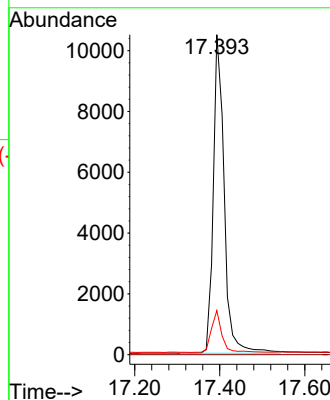
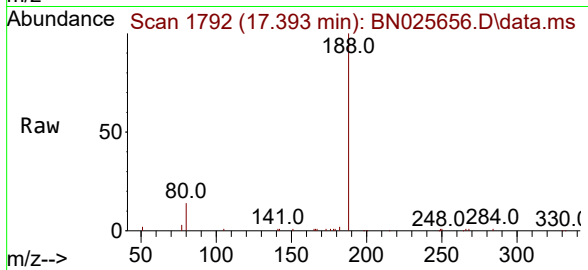
Tgt Ion:188 Resp: 18643

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: 0.119 ng

RT: 15.854 min Scan# 1668

Delta R.T. 0.062 min

Lab File: BN025656.D

Acq: 27 May 2023 21:47

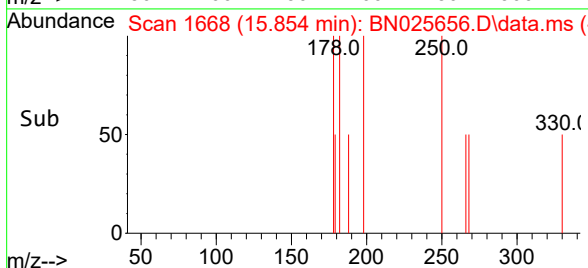
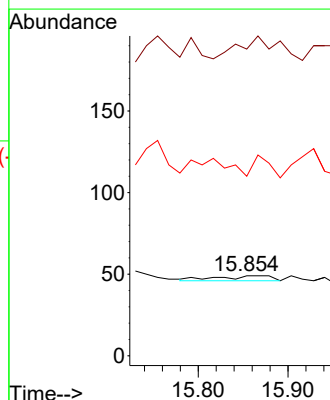
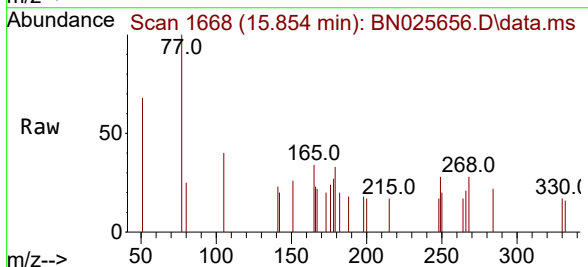
Tgt Ion:198 Resp: 13

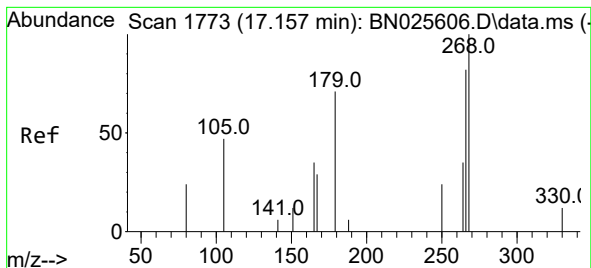
Ion Ratio Lower Upper

198 100

51 383.7 110.8 166.2#

105 224.5 61.9 92.9#





#24

Pentachlorophenol

Concen: 0.369 ng

RT: 17.046 min Scan# 1

Delta R.T. -0.025 min

Lab File: BN025656.D

Acq: 27 May 2023 21:47

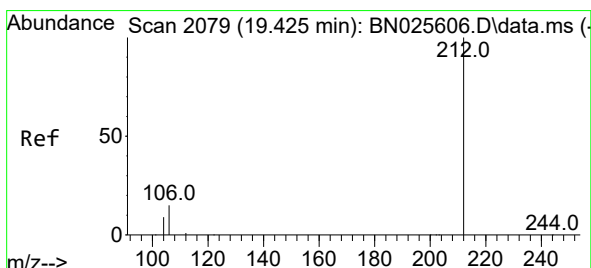
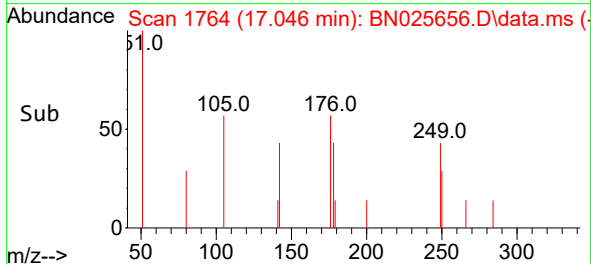
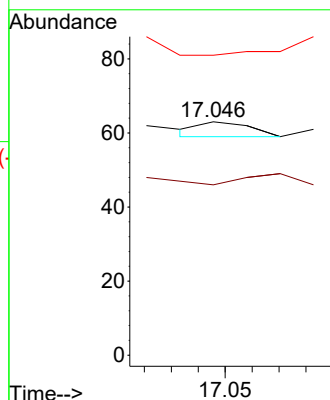
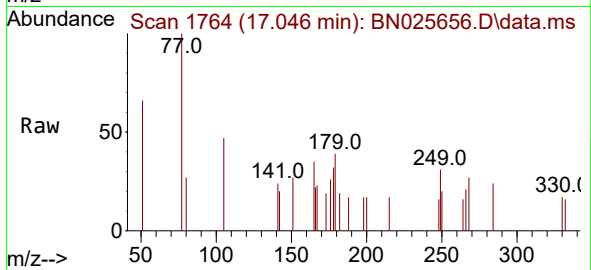
Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:266	Resp:	5
Ion Ratio	Lower	Upper
266	100	
264	0.0	60.0 90.0#
268	0.0	0.0 0.0



#27

Fluoranthene-d10

Concen: 0.341 ng

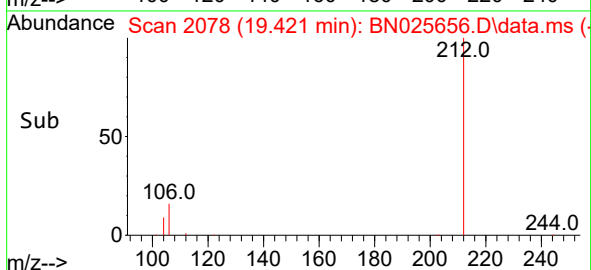
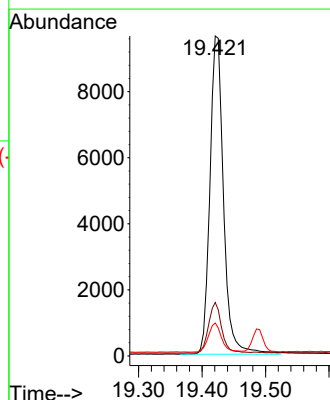
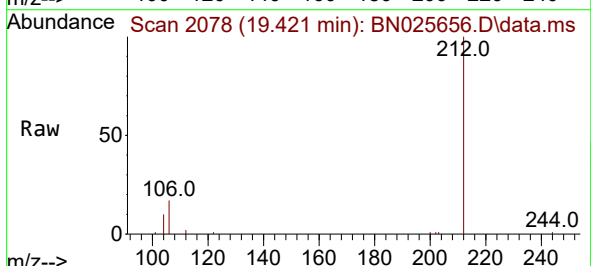
RT: 19.421 min Scan# 2078

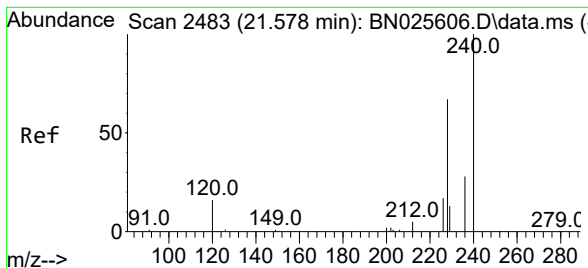
Delta R.T. -0.000 min

Lab File: BN025656.D

Acq: 27 May 2023 21:47

Tgt Ion:212	Resp:	14394
Ion Ratio	Lower	Upper
212	100	
106	15.2	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: BN025656.D

Acq: 27 May 2023 21:47

Instrument :

BNA_N

ClientSampleId :

RW10-MW01S-20230522

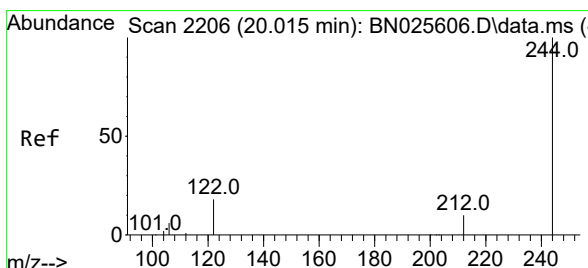
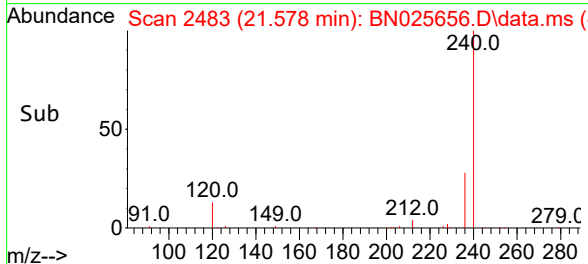
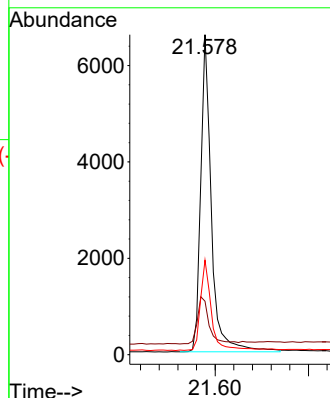
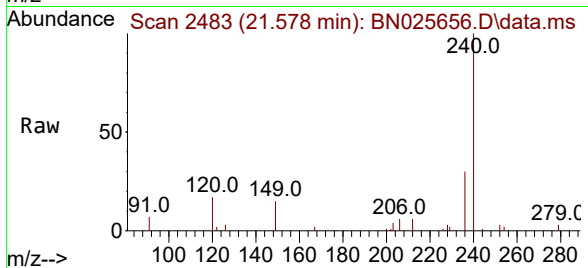
Tgt Ion:240 Resp: 10470

Ion Ratio Lower Upper

240 100

120 16.7 15.4 23.0

236 29.6 23.2 34.8



#31

Terphenyl-d14

Concen: 0.529 ng

RT: 20.011 min Scan# 2205

Delta R.T. -0.005 min

Lab File: BN025656.D

Acq: 27 May 2023 21:47

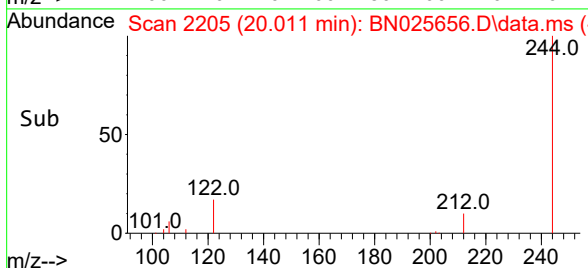
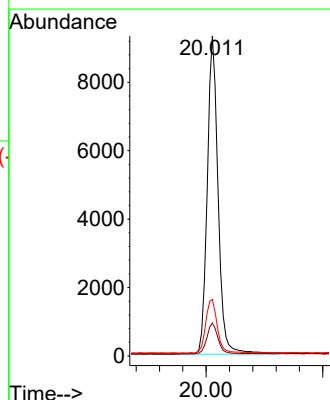
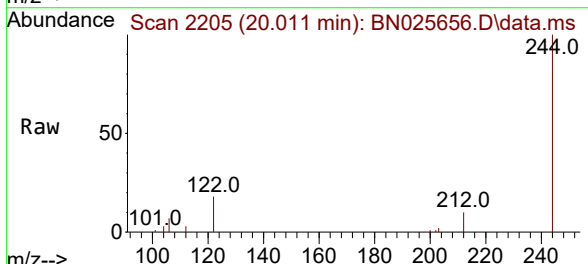
Tgt Ion:244 Resp: 12120

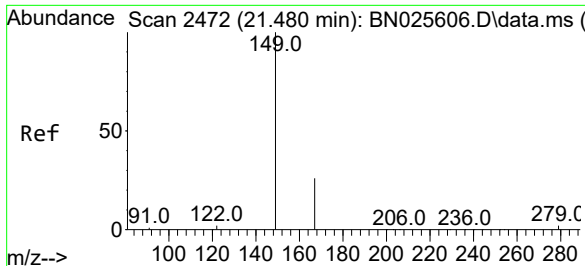
Ion Ratio Lower Upper

244 100

212 10.3 8.5 12.7

122 17.6 14.9 22.3

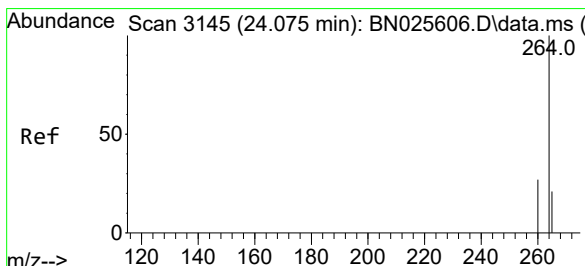
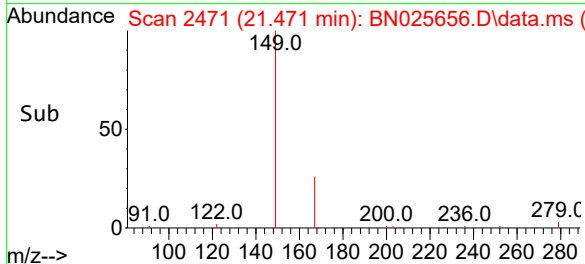
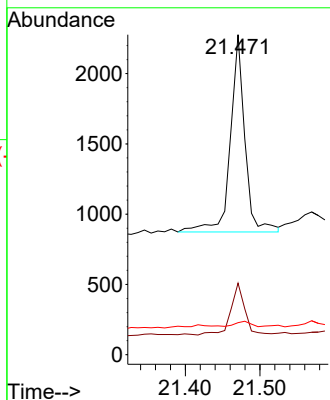
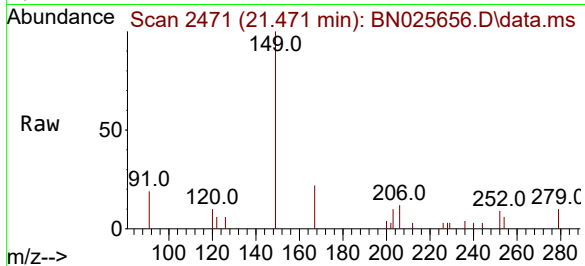




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.080 ng
RT: 21.471 min Scan# 2471
Delta R.T. -0.000 min
Lab File: BN025656.D
Acq: 27 May 2023 21:47

Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20230522

Tgt Ion:149 Resp: 1893
Ion Ratio Lower Upper
149 100
167 25.5 20.4 30.6
279 3.0 3.3 4.9#



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.054 min Scan# 3138
Delta R.T. -0.015 min
Lab File: BN025656.D
Acq: 27 May 2023 21:47

Tgt Ion:264 Resp: 9723
Ion Ratio Lower Upper
264 100
260 27.0 22.3 33.5
265 61.4 54.3 81.5

