

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)

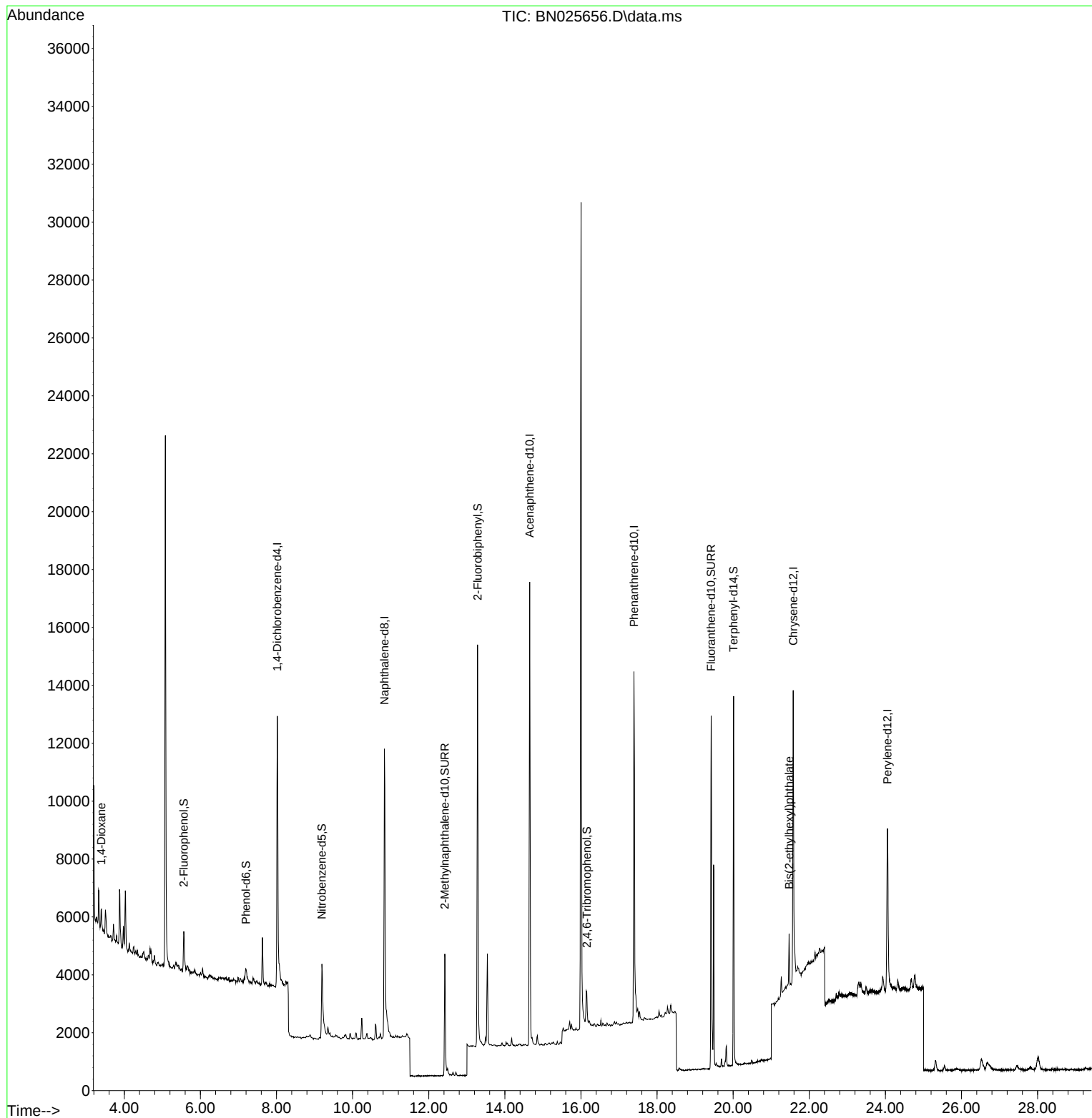
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	5554	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	16011	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	9253	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	18643	0.400	ng	0.00
29) Chrysene-d12	21.578	240	10470	0.400	ng	0.00
35) Perylene-d12	24.054	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
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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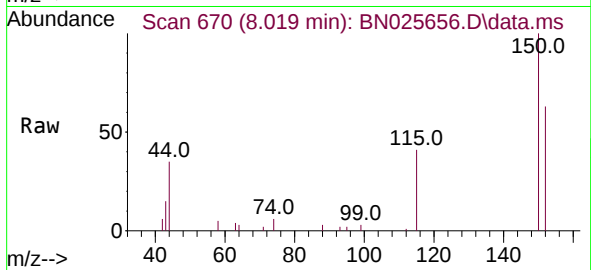
Quant Time: May 29 00:55:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
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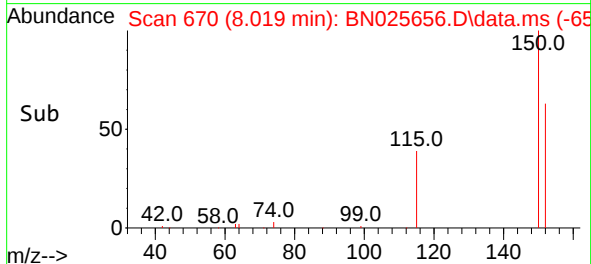
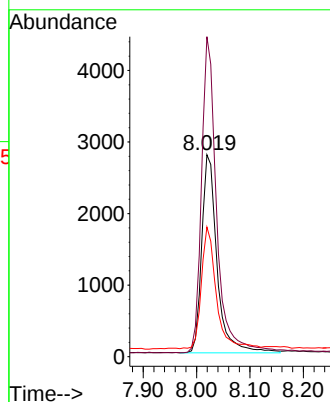


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.019 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN025656.D
Acq: 27 May 2023 21:47

Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20230522

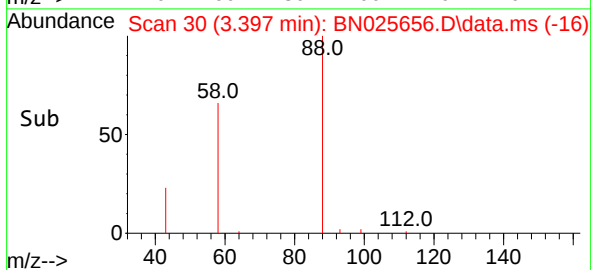
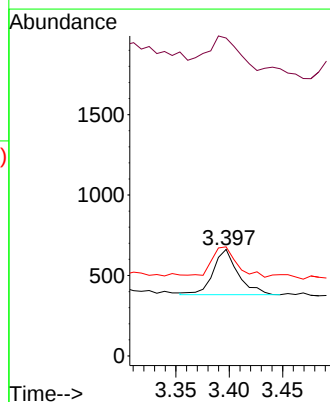
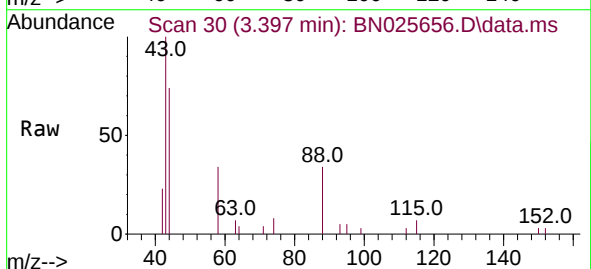


Tgt Ion:152 Resp: 5554
Ion Ratio Lower Upper
152 100
150 158.5 121.0 181.6
115 64.2 48.5 72.7



#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

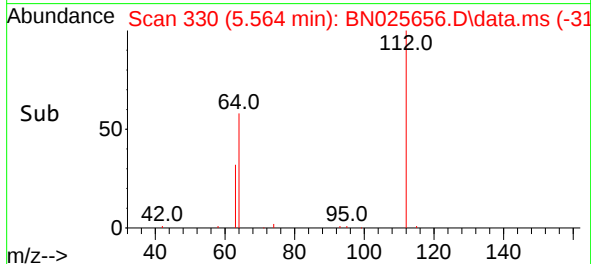
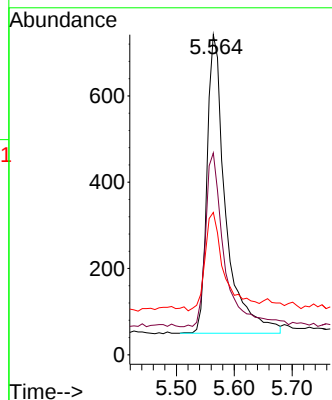
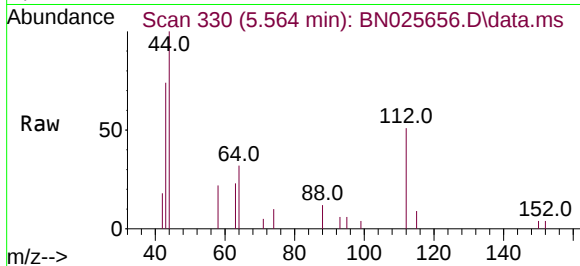




#4
2-Fluorophenol
Concen: 0.109 ng
RT: 5.564 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN025656.D
Acq: 27 May 2023 21:47

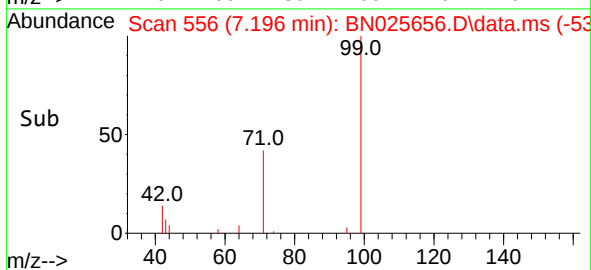
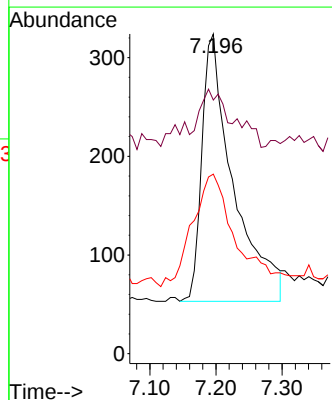
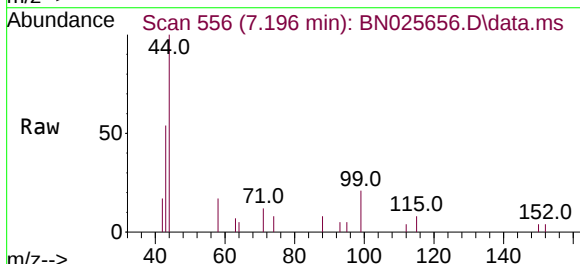
Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20230522

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#

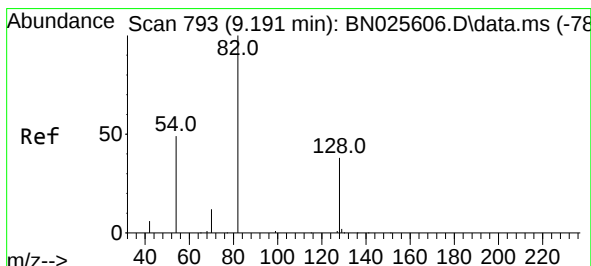
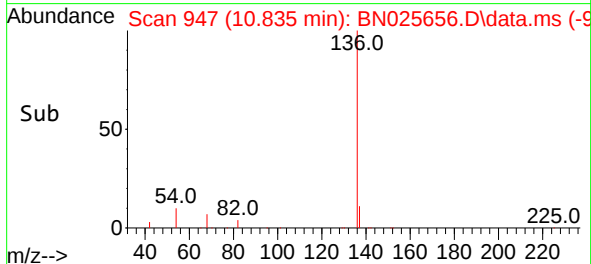
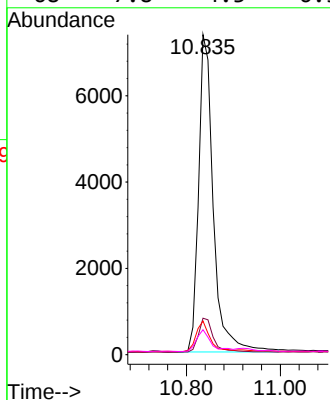
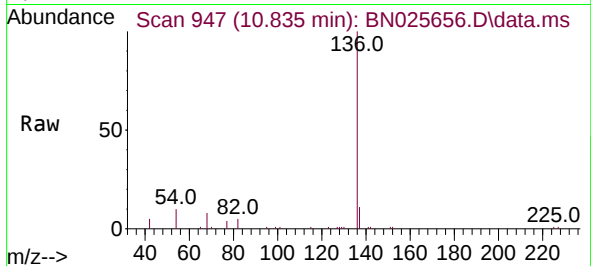




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN025656.D
Acq: 27 May 2023 21:47

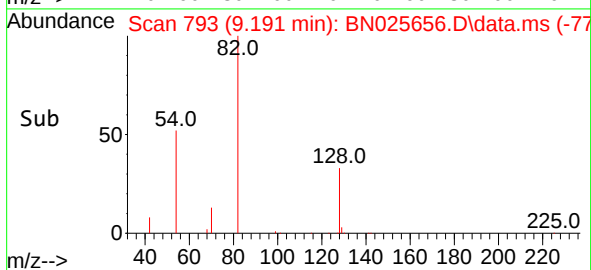
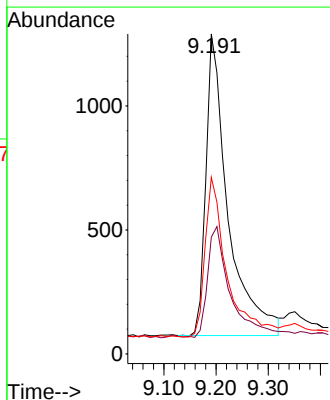
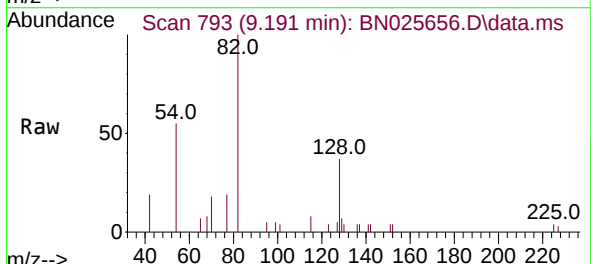
Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20230522

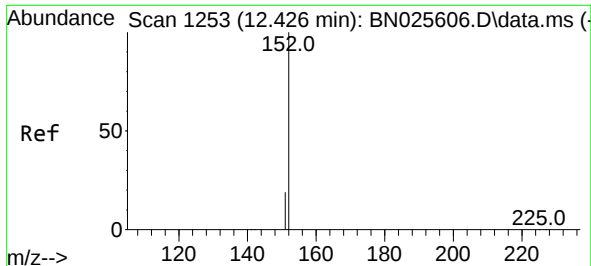
Tgt Ion:136	Resp:	16011
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.1 13.7
54	10.5	5.4 8.0#
68	7.8	4.3 6.5#



#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 :

BNA_N

ClientSampleId :

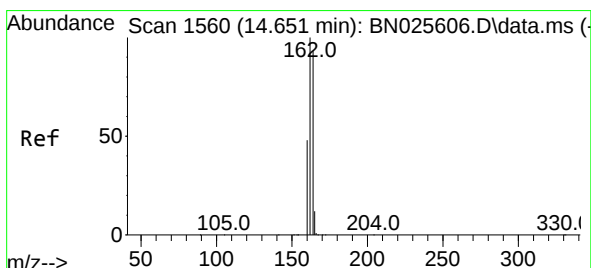
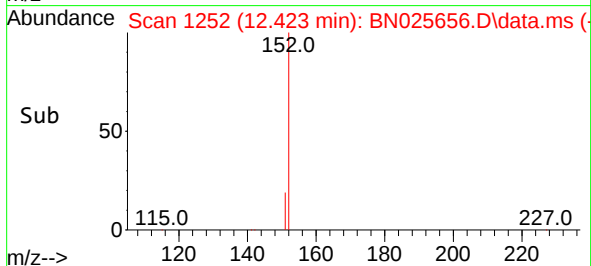
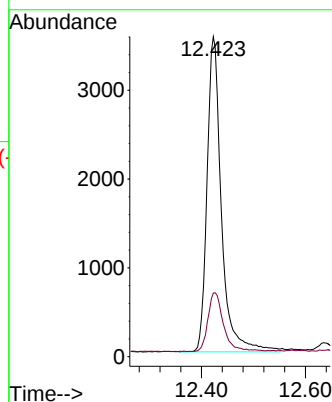
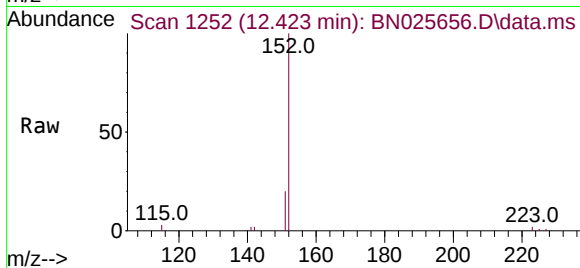
RW10-MW01S-20230522

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

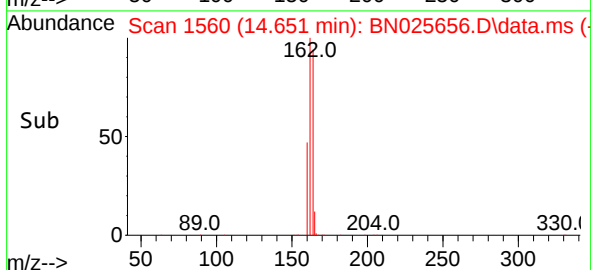
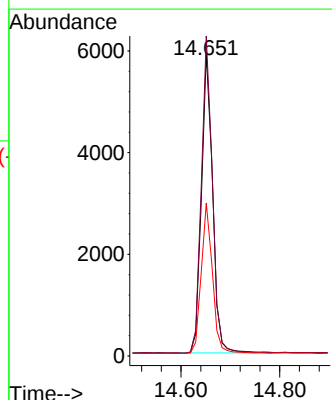
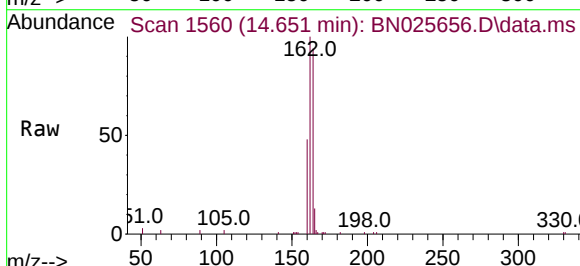
Tgt Ion:164 Resp: 9253

Ion Ratio Lower Upper

164 100

162 105.9 86.4 129.6

160 50.6 41.9 62.9

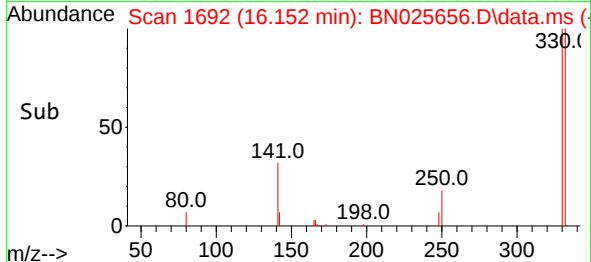
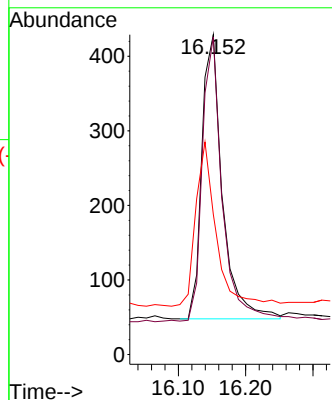
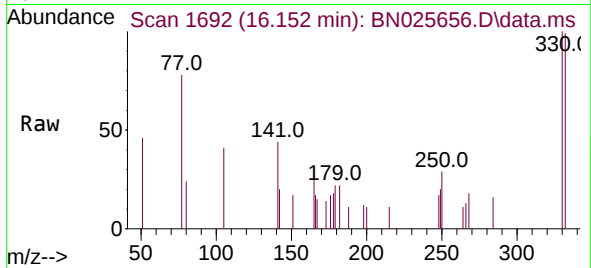




#14
2,4,6-Tribromophenol
Concen: 0.433 ng
RT: 16.152 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN025656.D
Acq: 27 May 2023 21:47

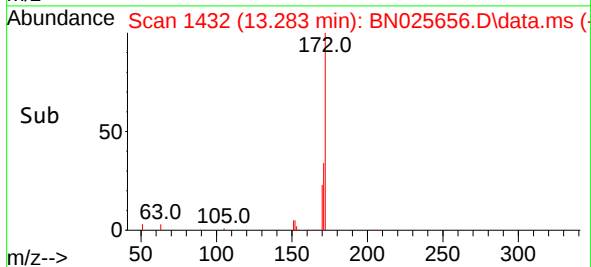
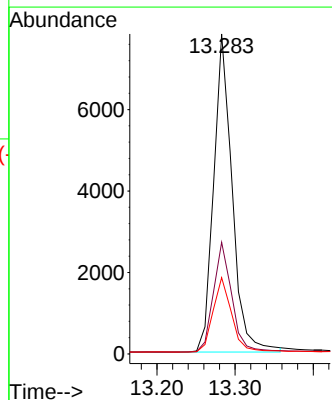
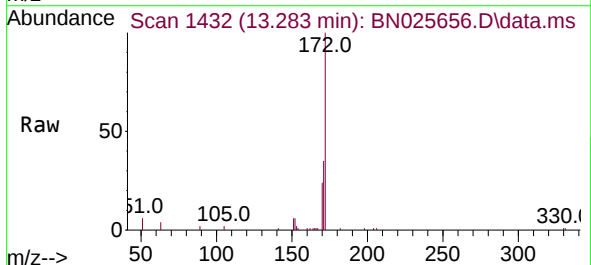
Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20230522

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

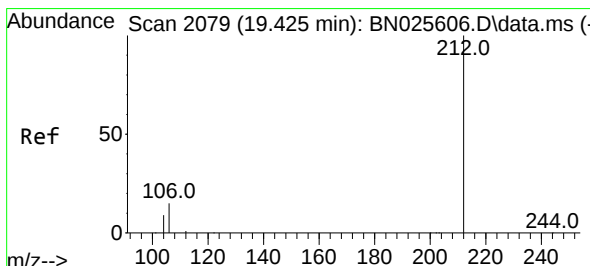
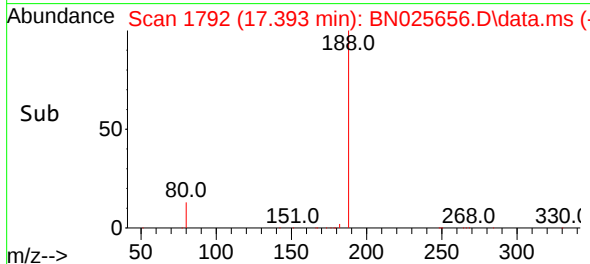
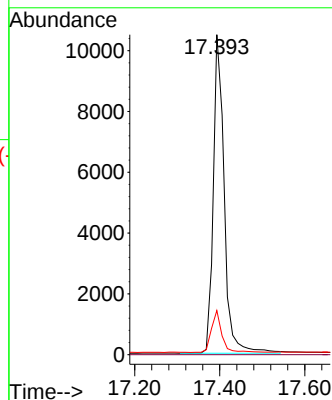
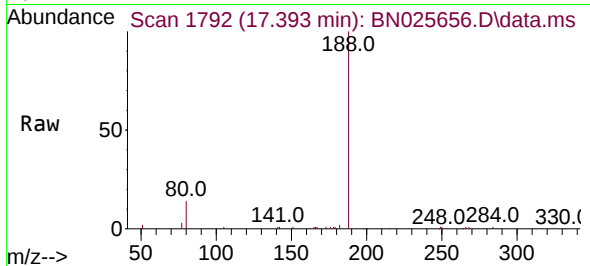




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN025656.D
Acq: 27 May 2023 21:47

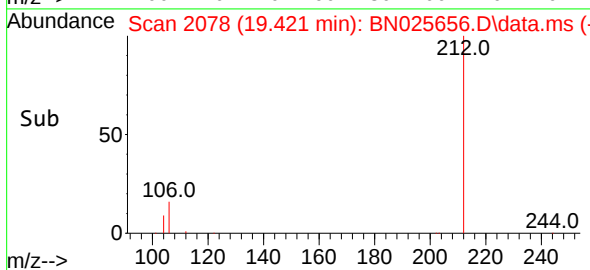
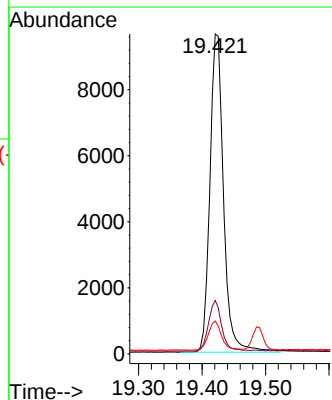
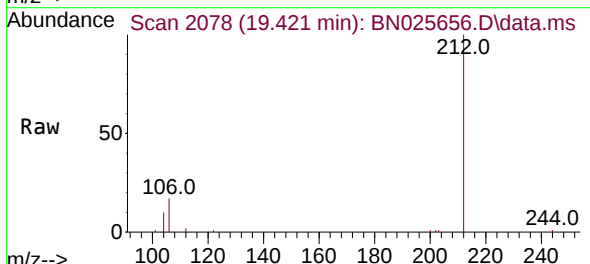
Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20230522

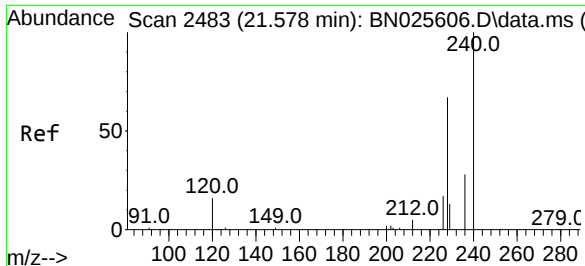
Tgt Ion:188 Resp: 18643
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.8 12.2 18.2



#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

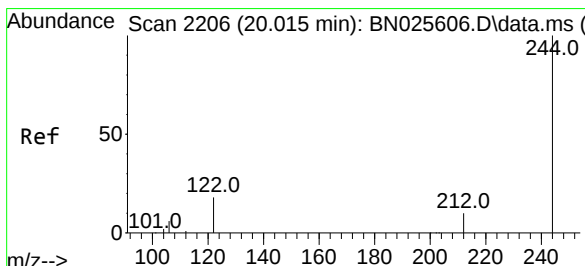
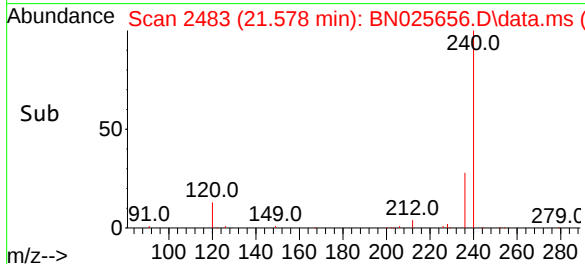
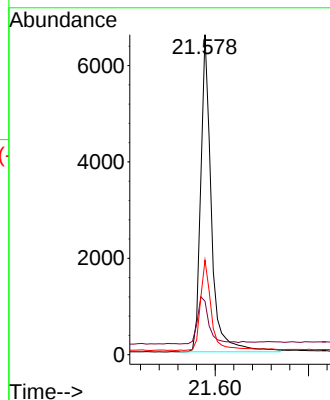
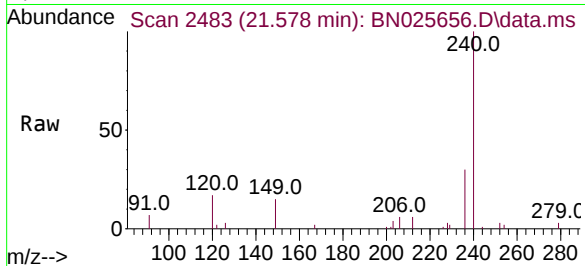
Tgt Ion:240 Resp: 10470

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

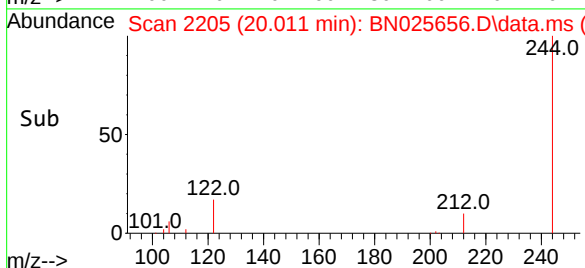
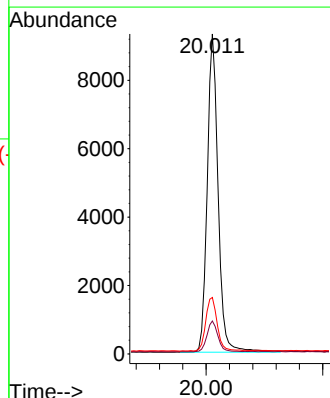
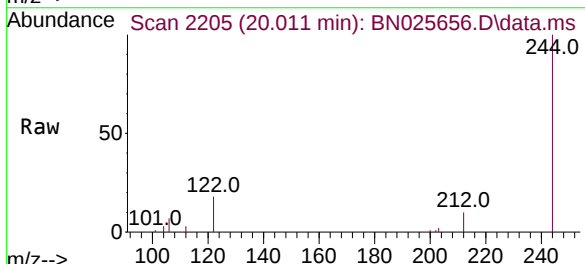
Tgt Ion:244 Resp: 12120

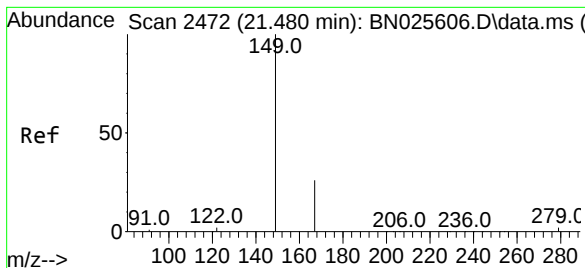
Ion Ratio Lower Upper

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

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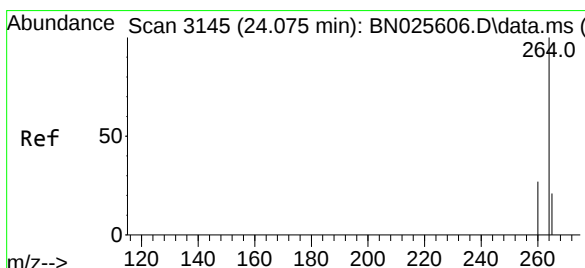
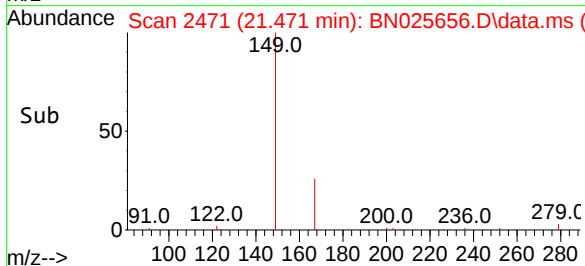
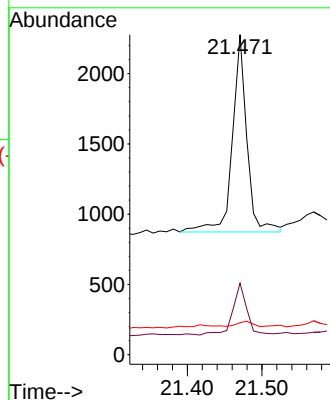
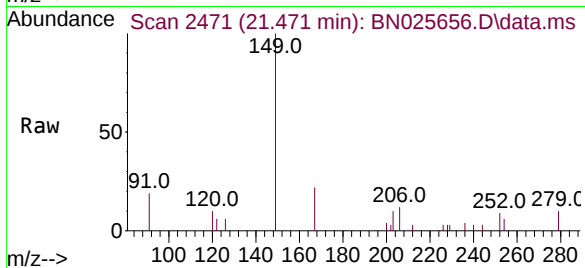
Tgt Ion:149 Resp: 1893

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

