

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082923\
 Data File : BN027254.D
 Acq On : 30 Aug 2023 00:12
 Operator : MA/JU
 Sample : 04126-17
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20230821

Quant Time: Aug 30 01:25:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 29 05:37:30 2023
 Response via : Initial Calibration

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

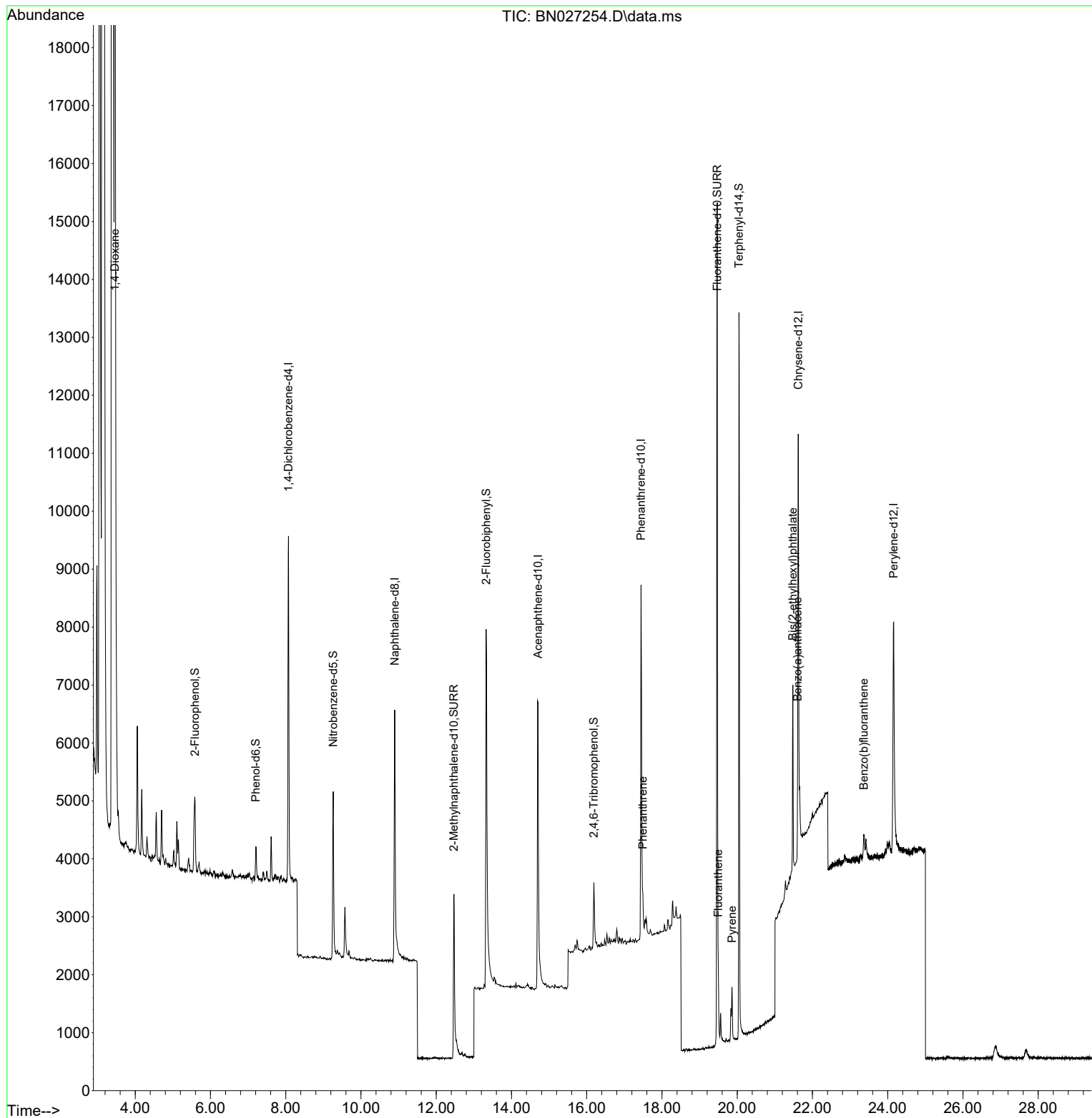
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	2800	0.400	ng	0.00
7) Naphthalene-d8	10.895	136	7248	0.400	ng	0.00
13) Acenaphthene-d10	14.705	164	4253	0.400	ng	0.01
19) Phenanthrene-d10	17.443	188	9836	0.400	ng	0.00
29) Chrysene-d12	21.623	240	8346	0.400	ng	# 0.00
35) Perylene-d12	24.156	264	7604	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.589	112	1063	0.146	ng	0.00
5) Phenol-d6	7.207	99	642	0.072	ng	0.00
8) Nitrobenzene-d5	9.262	82	2781	0.526	ng	0.00
11) 2-Methylnaphthalene-d10	12.468	152	5756	0.541	ng	0.00
14) 2,4,6-Tribromophenol	16.189	330	816	0.518	ng	0.00
15) 2-Fluorobiphenyl	13.325	172	8470	0.524	ng	0.00
27) Fluoranthene-d10	19.467	212	17353	0.710	ng	0.00
31) Terphenyl-d14	20.048	244	12622	0.753	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.458	88	32992	9.652	ng	95
25) Phenanthrene	17.492	178	648	0.022	ng	# 96
28) Fluoranthene	19.495	202	909	0.027	ng	# 93
30) Pyrene	19.862	202	861	0.026	ng	97
32) Benzo(a)anthracene	21.605	228	619	0.022	ng	# 73
34) Bis(2-ethylhexyl)phtha...	21.480	149	3295	0.239	ng	93
37) Benzo(b)fluoranthene	23.364	252	667	0.023	ng	# 1

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

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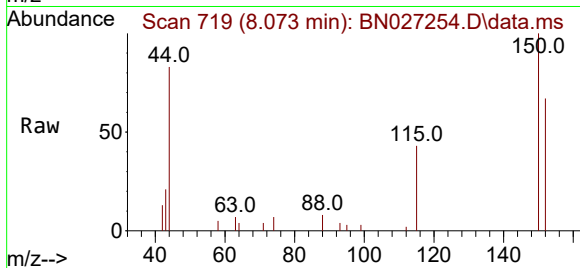
Quant Time: Aug 30 01:25:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
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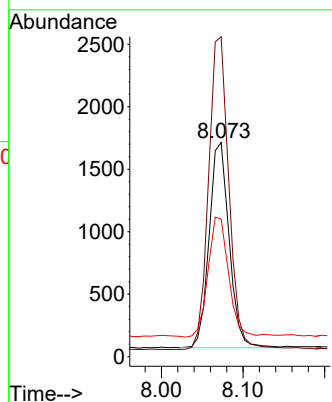
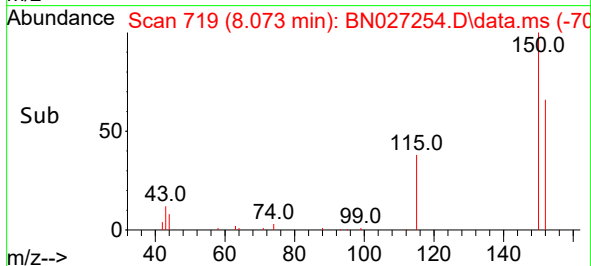


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.073 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN027254.D
 Acq: 30 Aug 2023 00:12

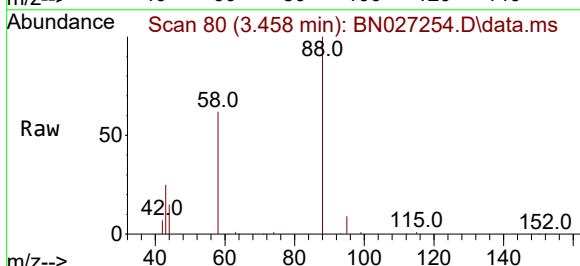
Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20230821



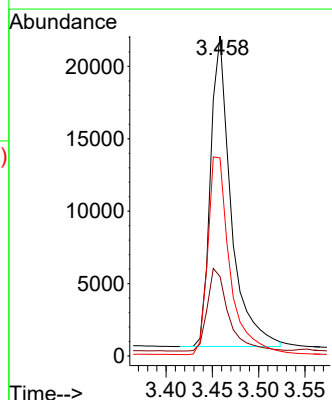
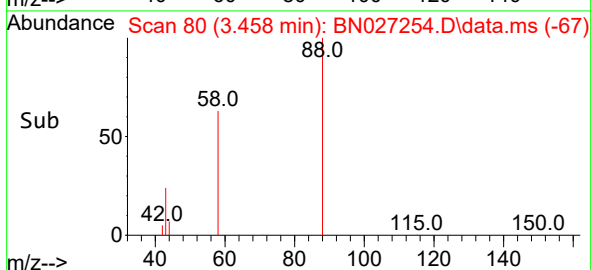
Tgt Ion:152 Resp: 2800
 Ion Ratio Lower Upper
 152 100
 150 149.4 122.7 184.1
 115 64.2 48.6 73.0



#2
 1,4-Dioxane
 Concen: 9.652 ng
 RT: 3.458 min Scan# 80
 Delta R.T. -0.007 min
 Lab File: BN027254.D
 Acq: 30 Aug 2023 00:12



Tgt Ion: 88 Resp: 32992
 Ion Ratio Lower Upper
 88 100
 43 27.5 19.1 28.7
 58 68.8 52.2 78.2

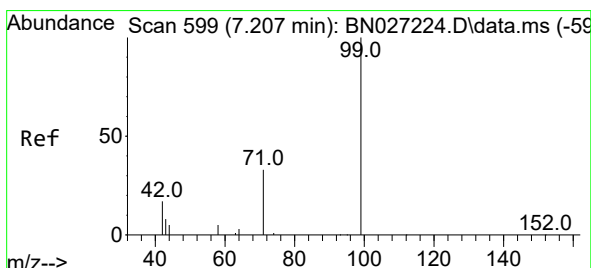
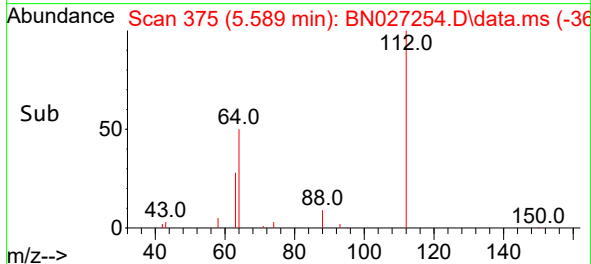
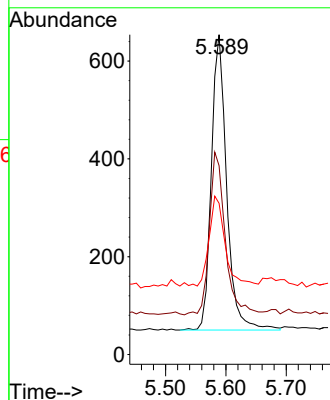
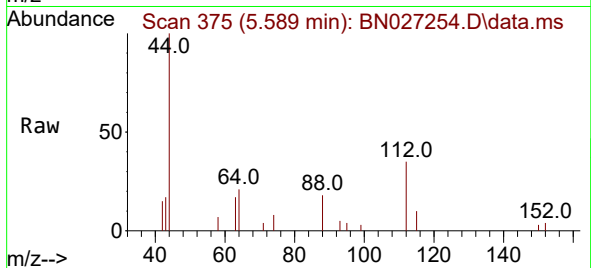




#4
2-Fluorophenol
Concen: 0.146 ng
RT: 5.589 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN027254.D
Acq: 30 Aug 2023 00:12

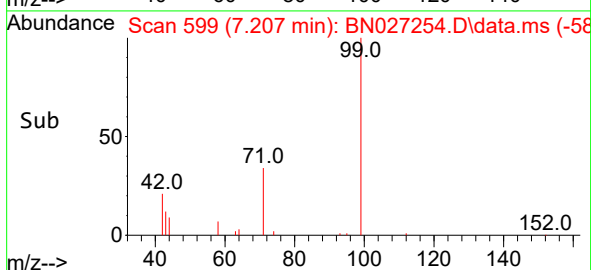
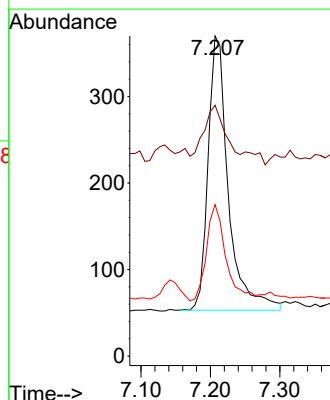
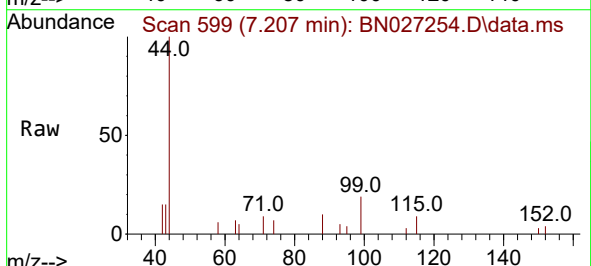
Instrument :
BNA_N
ClientSampleId :
RE131D2-20230821

Tgt Ion:112 Resp: 1063
Ion Ratio Lower Upper
112 100
64 57.0 44.4 66.6
63 31.0 23.1 34.7



#5
Phenol-d6
Concen: 0.072 ng
RT: 7.207 min Scan# 599
Delta R.T. -0.000 min
Lab File: BN027254.D
Acq: 30 Aug 2023 00:12

Tgt Ion: 99 Resp: 642
Ion Ratio Lower Upper
99 100
42 17.3 14.5 21.7
71 34.0 25.8 38.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.895 min Scan# 994

Delta R.T. -0.000 min

Lab File: BN027254.D

Acq: 30 Aug 2023 00:12

Instrument :

BNA_N

ClientSampleId :

RE131D2-20230821

Tgt Ion:136 Resp: 7248

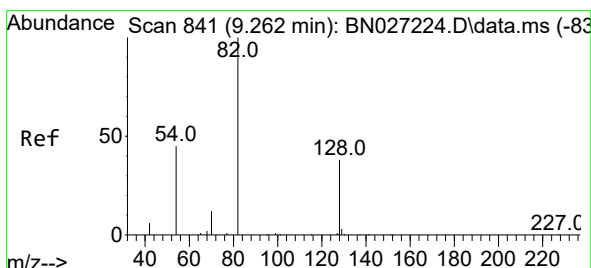
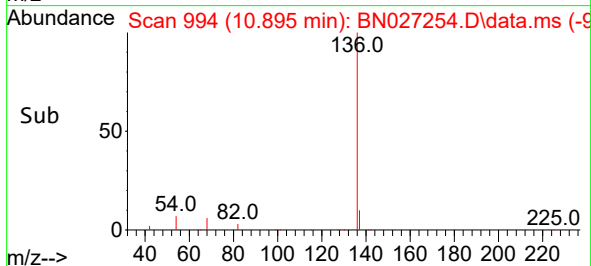
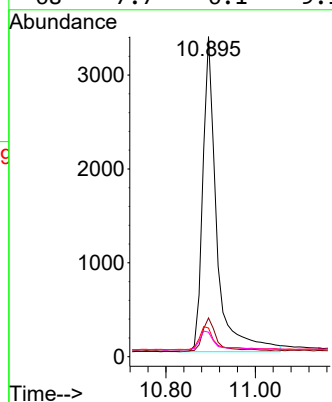
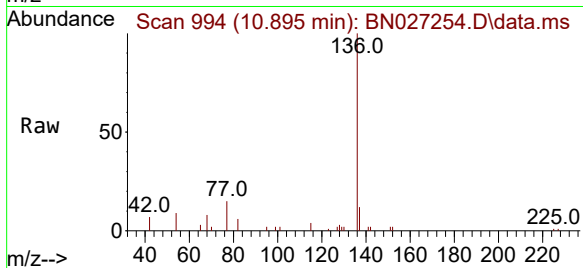
Ion Ratio Lower Upper

136 100

137 12.1 9.3 13.9

54 9.0 6.7 10.1

68 7.7 6.1 9.1



#8

Nitrobenzene-d5

Concen: 0.526 ng

RT: 9.262 min Scan# 841

Delta R.T. -0.000 min

Lab File: BN027254.D

Acq: 30 Aug 2023 00:12

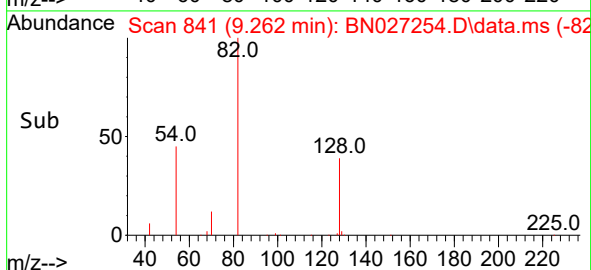
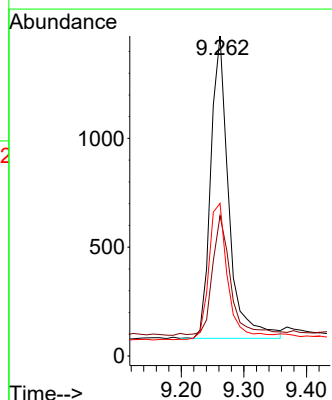
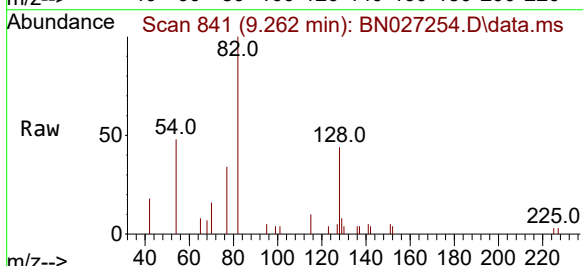
Tgt Ion: 82 Resp: 2781

Ion Ratio Lower Upper

82 100

128 43.8 33.4 50.0

54 47.7 37.7 56.5

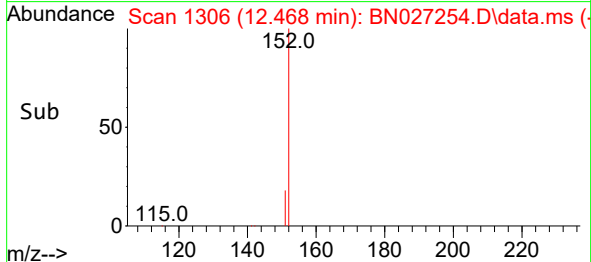
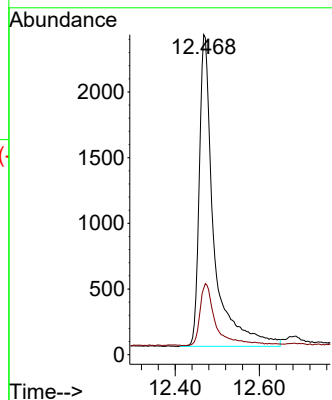
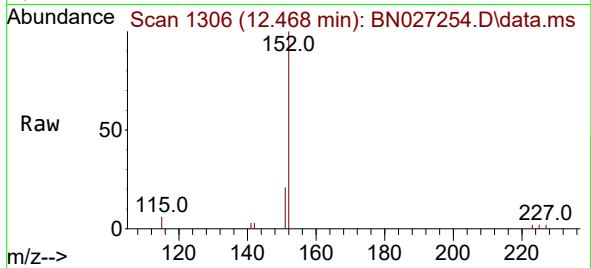




#11
2-Methylnaphthalene-d10
Concen: 0.541 ng
RT: 12.468 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027254.D
Acq: 30 Aug 2023 00:12

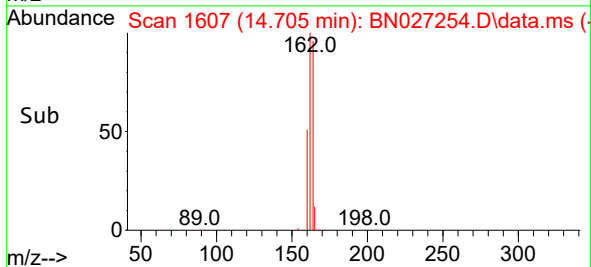
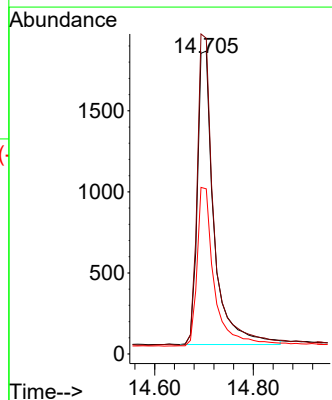
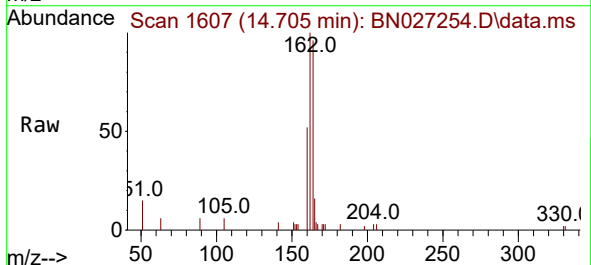
Instrument :
BNA_N
ClientSampleId :
RE131D2-20230821

Tgt Ion:152 Resp: 5756
Ion Ratio Lower Upper
152 100
151 20.4 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.705 min Scan# 1607
Delta R.T. 0.011 min
Lab File: BN027254.D
Acq: 30 Aug 2023 00:12

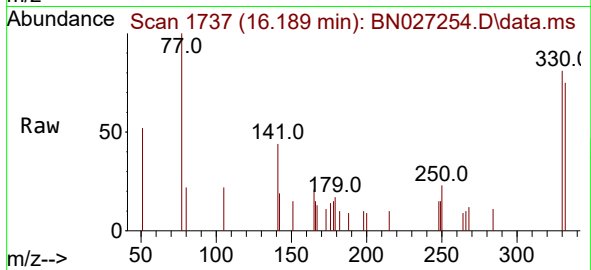
Tgt Ion:164 Resp: 4253
Ion Ratio Lower Upper
164 100
162 104.2 85.8 128.8
160 54.6 44.2 66.2



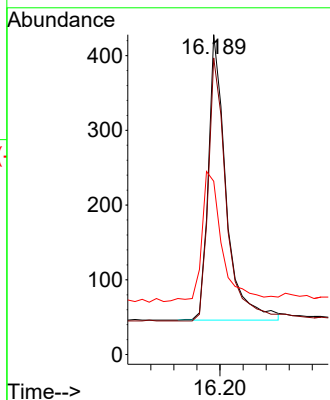
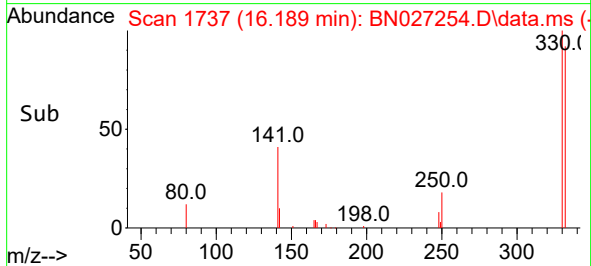


#14
2,4,6-Tribromophenol
Concen: 0.518 ng
RT: 16.189 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027254.D
Acq: 30 Aug 2023 00:12

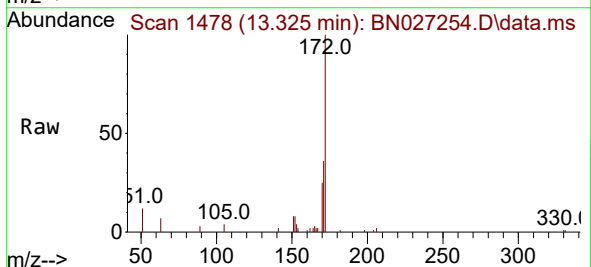
Instrument :
BNA_N
ClientSampleId :
RE131D2-20230821



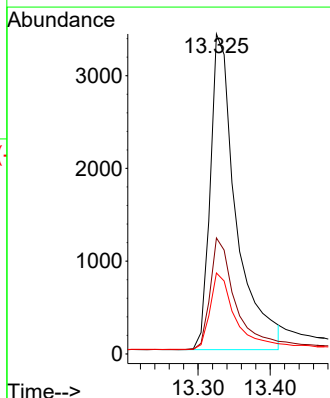
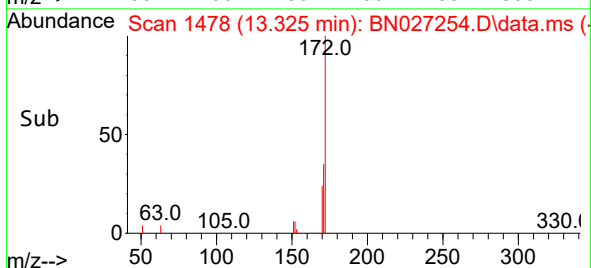
Tgt Ion:330 Resp: 816
Ion Ratio Lower Upper
330 100
332 93.9 75.2 112.8
141 47.7 36.2 54.4

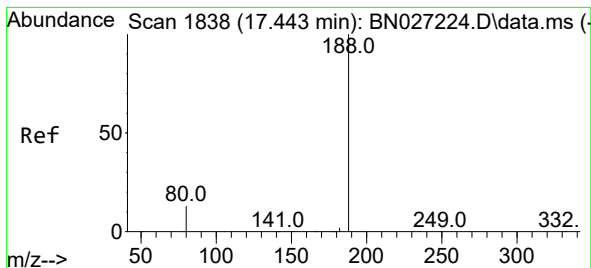


#15
2-Fluorobiphenyl
Concen: 0.524 ng
RT: 13.325 min Scan# 1478
Delta R.T. -0.000 min
Lab File: BN027254.D
Acq: 30 Aug 2023 00:12



Tgt Ion:172 Resp: 8470
Ion Ratio Lower Upper
172 100
171 36.2 27.8 41.8
170 25.3 19.3 28.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.443 min Scan# 1838

Delta R.T. -0.000 min

Lab File: BN027254.D

Acq: 30 Aug 2023 00:12

Instrument :

BNA_N

ClientSampleId :

RE131D2-20230821

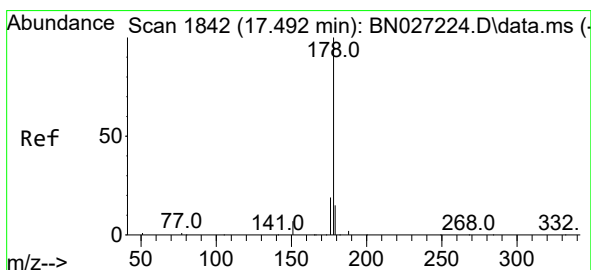
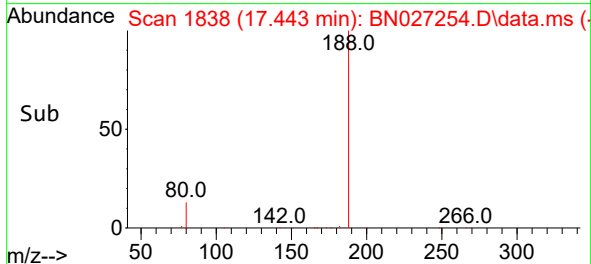
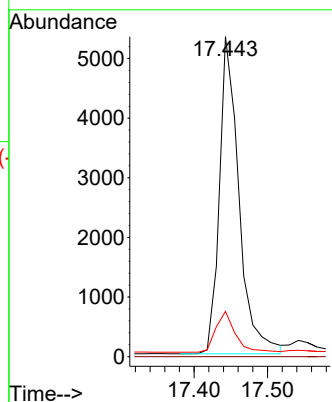
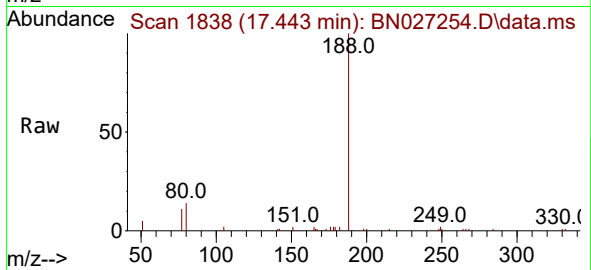
Tgt Ion:188 Resp: 9836

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.1 11.0 16.6



#25

Phenanthrene

Concen: 0.022 ng

RT: 17.492 min Scan# 1842

Delta R.T. -0.000 min

Lab File: BN027254.D

Acq: 30 Aug 2023 00:12

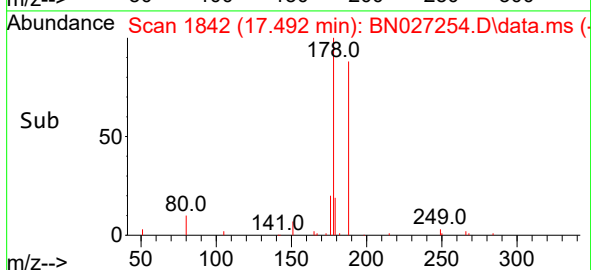
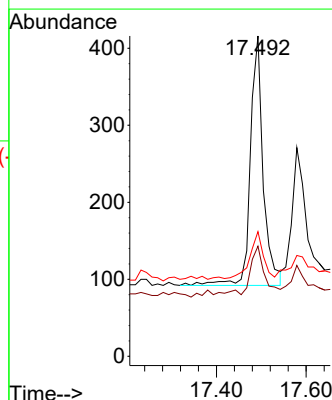
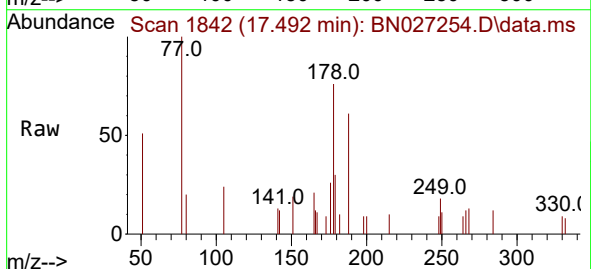
Tgt Ion:178 Resp: 648

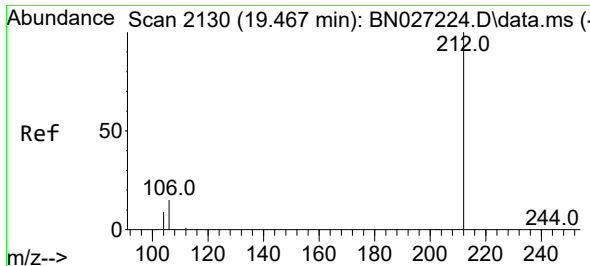
Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

179 19.1 12.3 18.5#

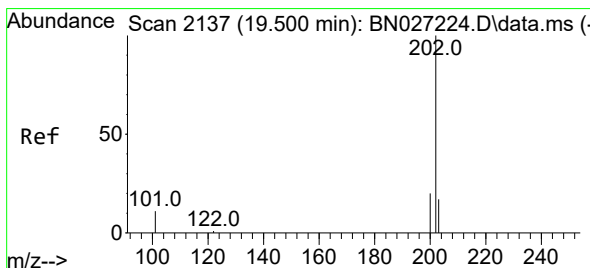
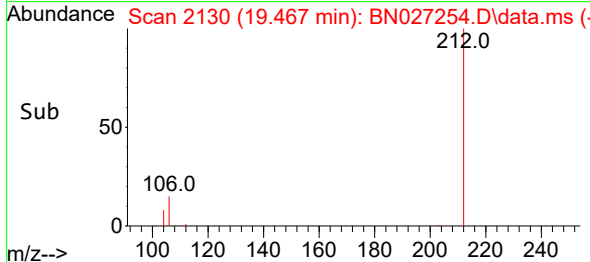
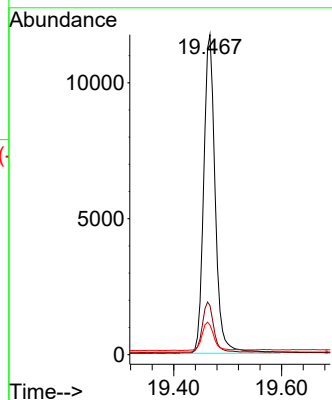
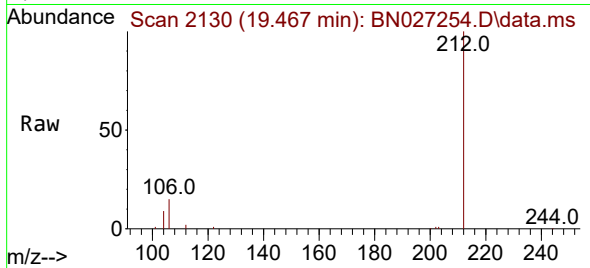




#27
Fluoranthene-d10
Concen: 0.710 ng
RT: 19.467 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BN027254.D
Acq: 30 Aug 2023 00:12

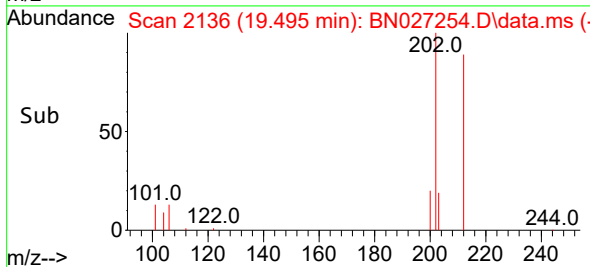
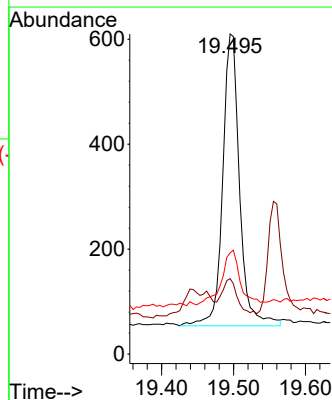
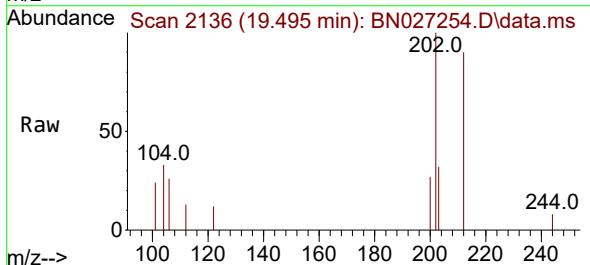
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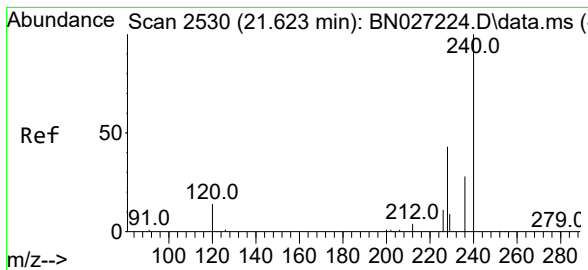
Tgt Ion:212 Resp: 17353
Ion Ratio Lower Upper
212 100
106 15.6 12.1 18.1
104 9.1 6.9 10.3



#28
Fluoranthene
Concen: 0.027 ng
RT: 19.495 min Scan# 2136
Delta R.T. -0.005 min
Lab File: BN027254.D
Acq: 30 Aug 2023 00:12

Tgt Ion:202 Resp: 909
Ion Ratio Lower Upper
202 100
101 10.3 9.6 14.4
203 20.6 13.6 20.4#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.623 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN027254.D

Acq: 30 Aug 2023 00:12

Instrument :

BNA_N

ClientSampleId :

RE131D2-20230821

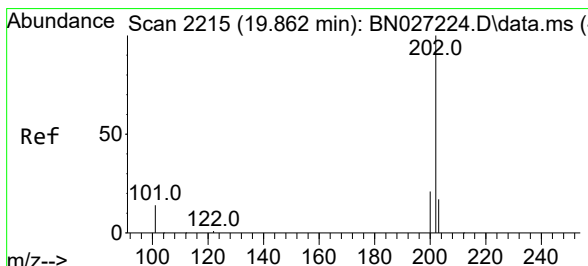
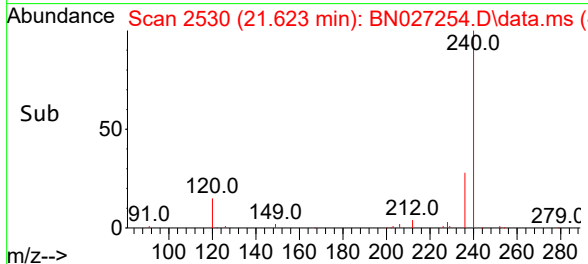
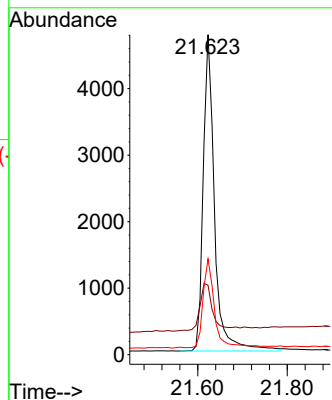
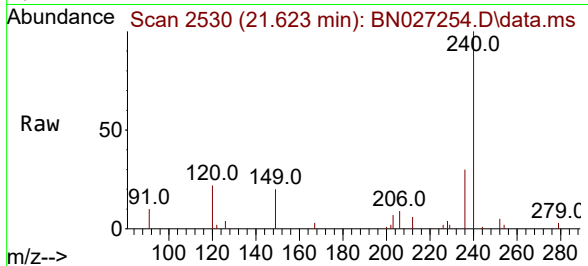
Tgt Ion:240 Resp: 8346

Ion Ratio Lower Upper

240 100

120 21.7 14.2 21.4#

236 30.0 22.9 34.3



#30

Pyrene

Concen: 0.026 ng

RT: 19.862 min Scan# 2215

Delta R.T. -0.000 min

Lab File: BN027254.D

Acq: 30 Aug 2023 00:12

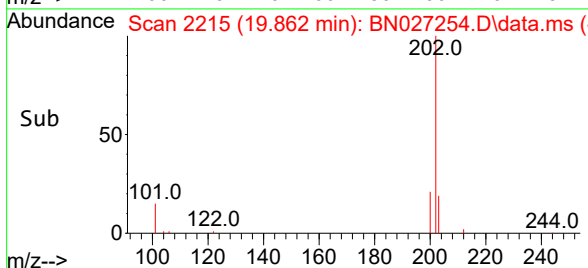
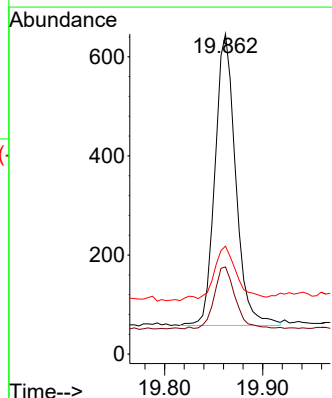
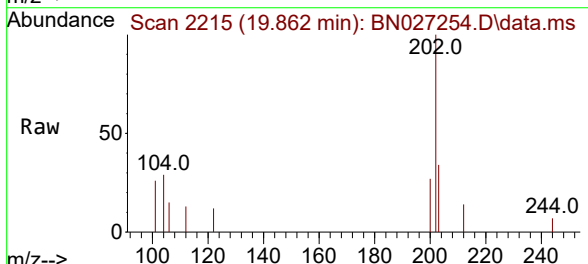
Tgt Ion:202 Resp: 861

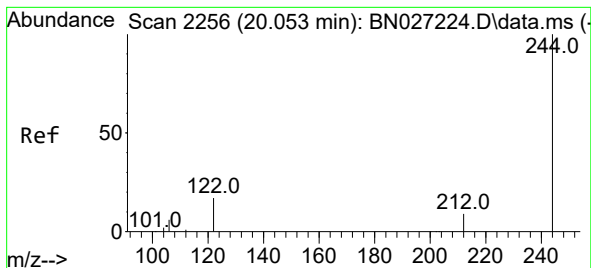
Ion Ratio Lower Upper

202 100

200 22.1 16.6 25.0

203 18.9 14.2 21.4





#31

Terphenyl-d14

Concen: 0.753 ng

RT: 20.048 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN027254.D

Acq: 30 Aug 2023 00:12

Instrument :

BNA_N

ClientSampleId :

RE131D2-20230821

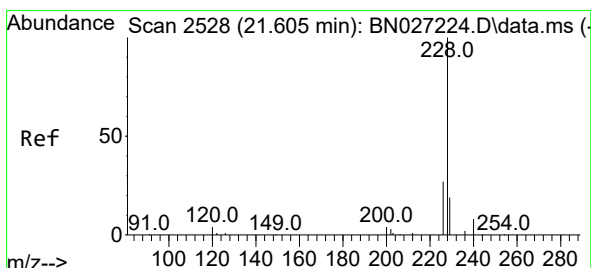
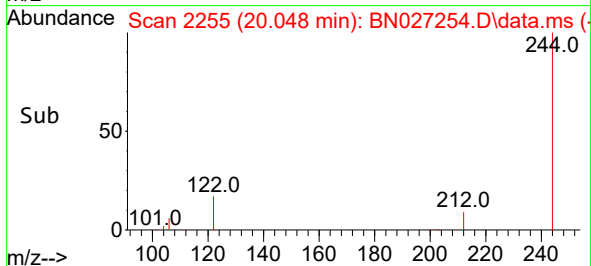
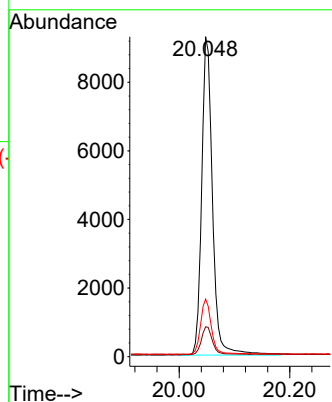
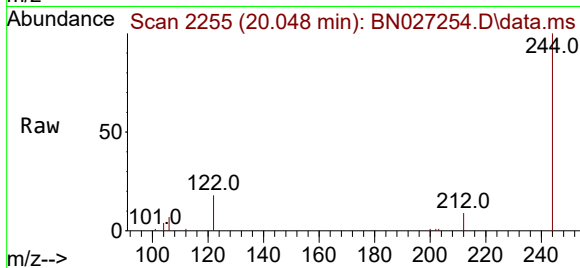
Tgt Ion:244 Resp: 12622

Ion Ratio Lower Upper

244 100

212 9.3 7.5 11.3

122 18.0 14.0 21.0



#32

Benzo(a)anthracene

Concen: 0.022 ng

RT: 21.605 min Scan# 2528

Delta R.T. -0.000 min

Lab File: BN027254.D

Acq: 30 Aug 2023 00:12

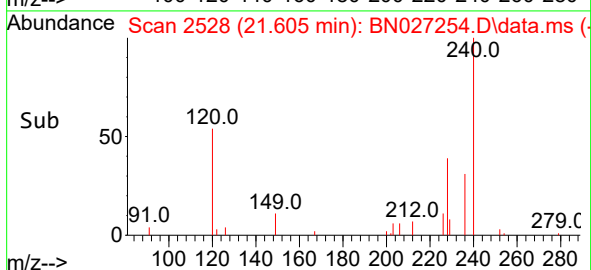
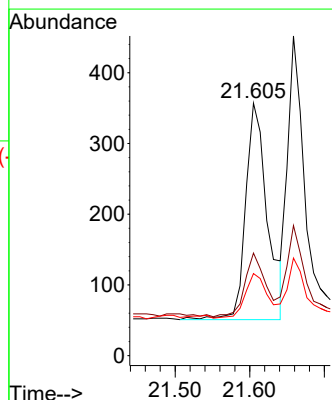
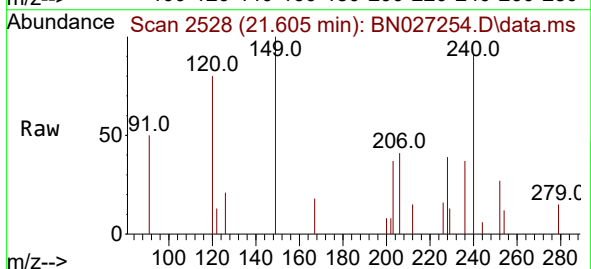
Tgt Ion:228 Resp: 619

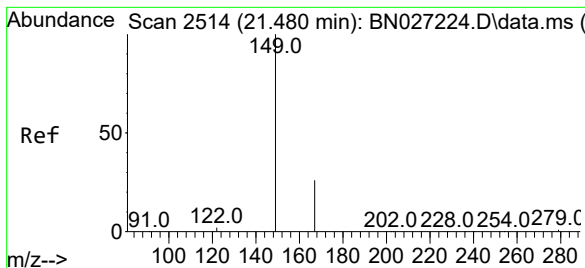
Ion Ratio Lower Upper

228 100

226 40.6 21.9 32.9#

229 32.5 15.7 23.5#

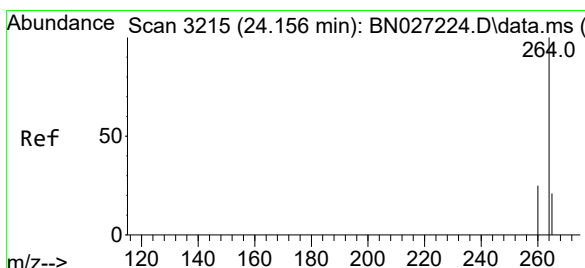
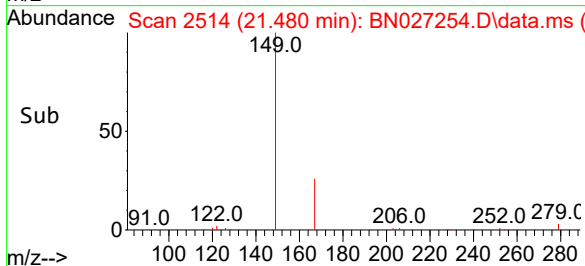
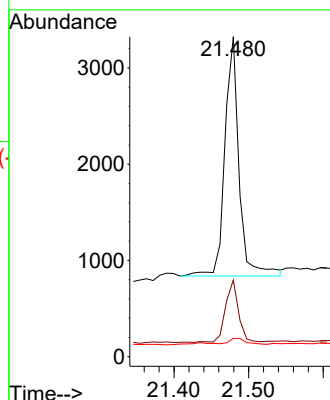
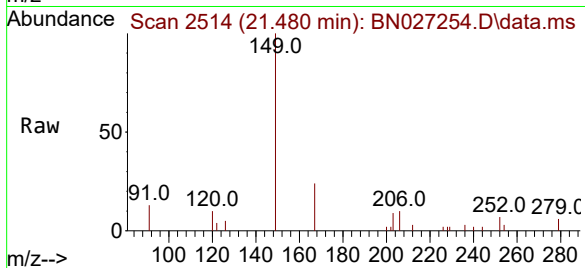




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.239 ng
 RT: 21.480 min Scan# 2148
 Delta R.T. -0.000 min
 Lab File: BN027254.D
 Acq: 30 Aug 2023 00:12

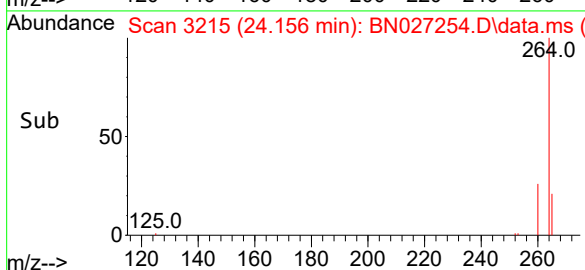
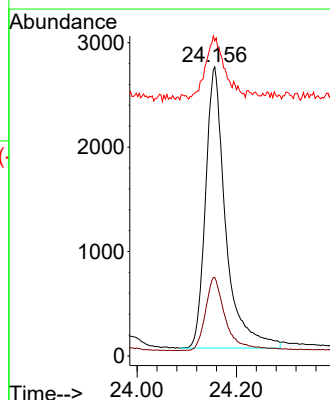
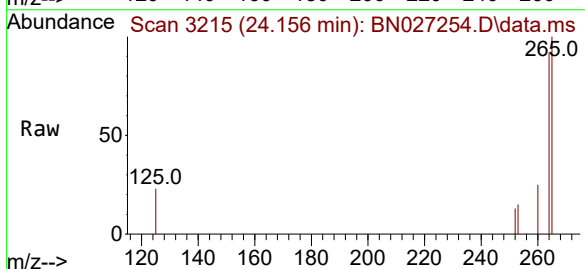
Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20230821

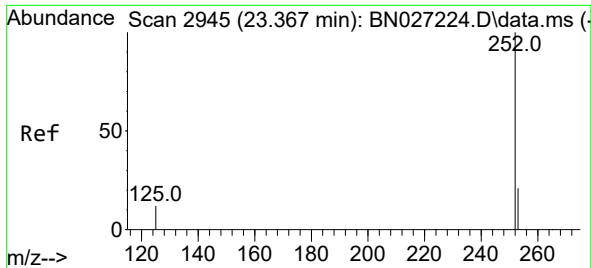
Tgt Ion:149 Resp: 3295
 Ion Ratio Lower Upper
 149 100
 167 23.7 22.1 33.1
 279 2.9 2.7 4.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.156 min Scan# 3215
 Delta R.T. -0.000 min
 Lab File: BN027254.D
 Acq: 30 Aug 2023 00:12

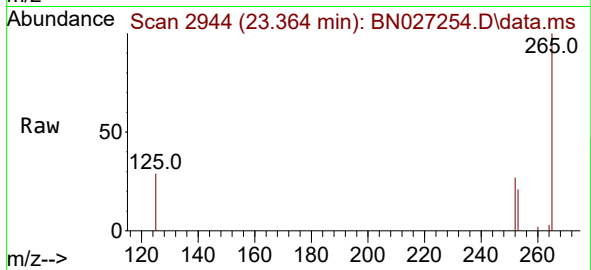
Tgt Ion:264 Resp: 7604
 Ion Ratio Lower Upper
 264 100
 260 27.1 20.7 31.1
 265 109.0 53.3 79.9#





#37
Benzo(b)fluoranthene
Concen: 0.023 ng
RT: 23.364 min Scan# 2944
Delta R.T. -0.003 min
Lab File: BN027254.D
Acq: 30 Aug 2023 00:12

Instrument :
BNA_N
ClientSampleId :
RE131D2-20230821



Tgt Ion:252 Resp: 667
Ion Ratio Lower Upper
252 100
253 77.9 19.9 29.9#
125 108.0 13.8 20.6#

