

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120522\
 Data File : BN023069.D
 Acq On : 05 Dec 2022 22:09
 Operator : CG/JU
 Sample : N5867-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-2R

Quant Time: Dec 06 04:29:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 04:02:46 2022
 Response via : Initial Calibration

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

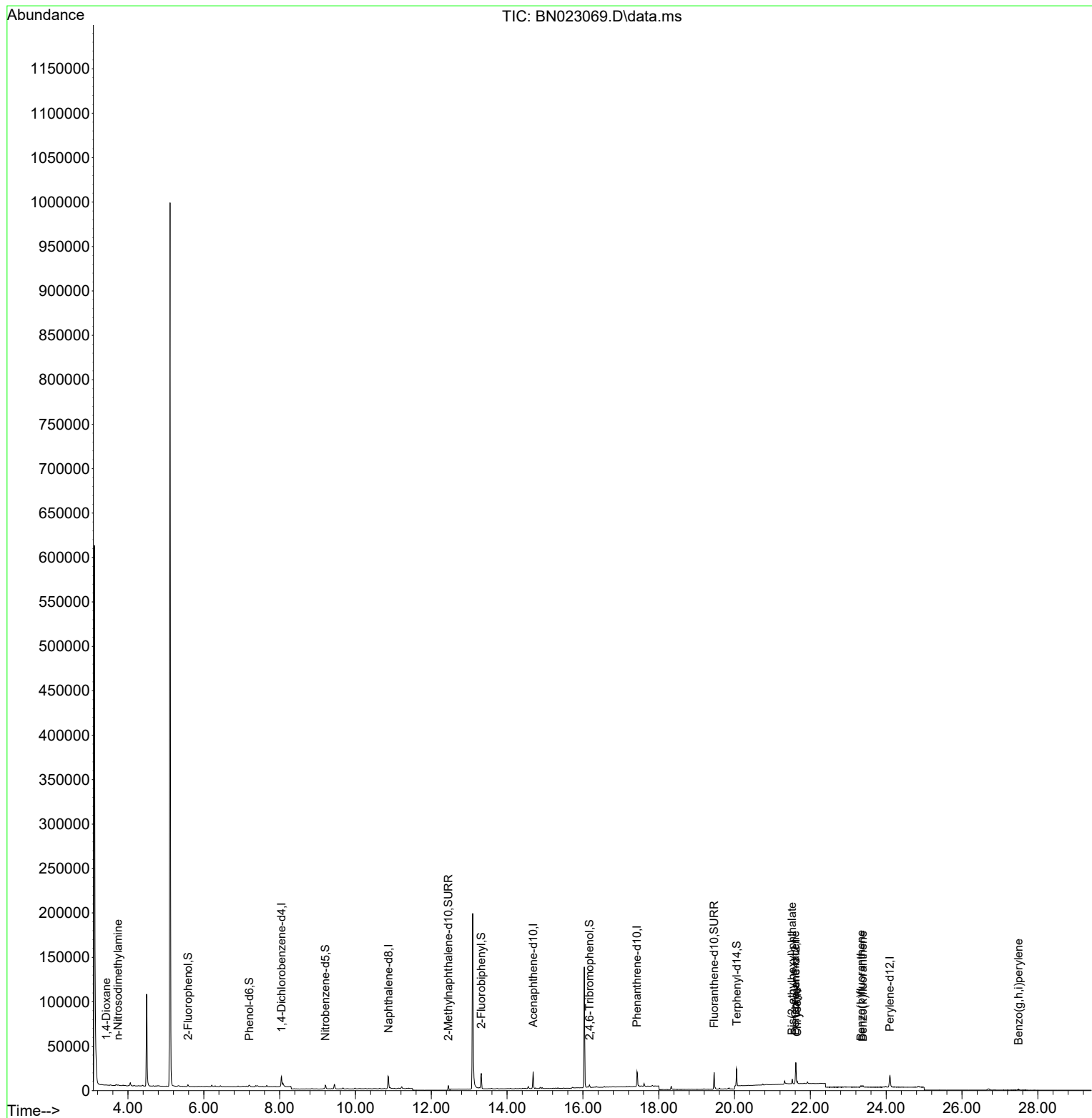
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.049	152	5223	0.400	ng	0.00
7) Naphthalene-d8	10.872	136	16874	0.400	ng	0.01
13) Acenaphthene-d10	14.688	164	9943	0.400	ng	0.00
19) Phenanthrene-d10	17.427	188	23007	0.400	ng	0.00
29) Chrysene-d12	21.616	240	20791	0.400	ng	0.00
35) Perylene-d12	24.097	264	19054	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.587	112	1561	0.134	ng	0.00
5) Phenol-d6	7.197	99	1440	0.093	ng	0.00
8) Nitrobenzene-d5	9.206	82	3388	0.266	ng	0.00
11) 2-Methylnaphthalene-d10	12.450	152	6664	0.264	ng	0.00
14) 2,4,6-Tribromophenol	16.173	330	1424	0.345	ng	0.00
15) 2-Fluorobiphenyl	13.319	172	14409	0.323	ng	0.00
27) Fluoranthene-d10	19.460	212	19049	0.290	ng	0.00
31) Terphenyl-d14	20.058	244	17157	0.404	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.427	88	148	0.023	ng	# 1
3) n-Nitrosodimethylamine	3.738	42	202	0.028	ng	# 2
32) Benzo(a)anthracene	21.598	228	2027	0.026	ng	# 82
33) Chrysene	21.652	228	2215	0.026	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.518	149	5435	0.181	ng	100
37) Benzo(b)fluoranthene	23.337	252	2179	0.025	ng	# 33
38) Benzo(k)fluoranthene	23.387	252	2041	0.023	ng	# 28
41) Benzo(g,h,i)perylene	27.491	276	1856	0.022	ng	# 75

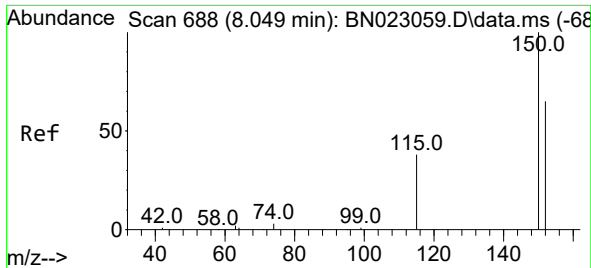
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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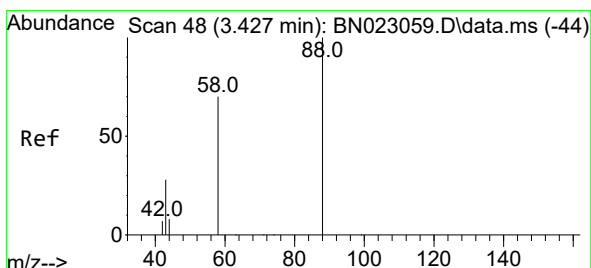
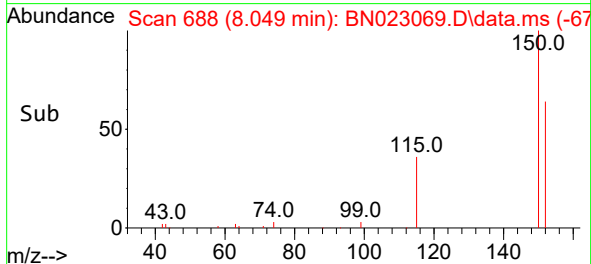
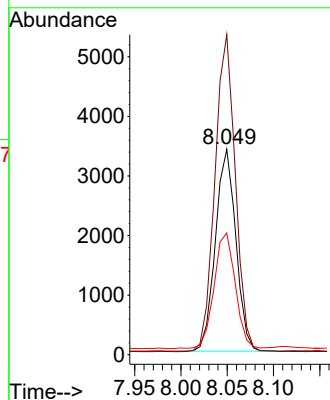
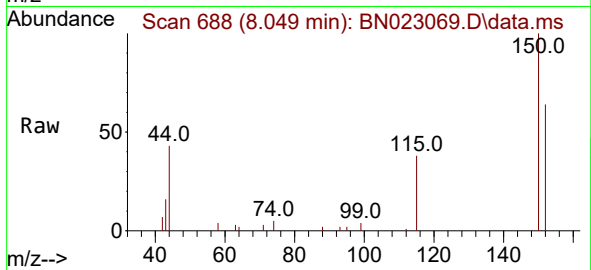




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.049 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: BN023069.D
 Acq: 05 Dec 2022 22:09

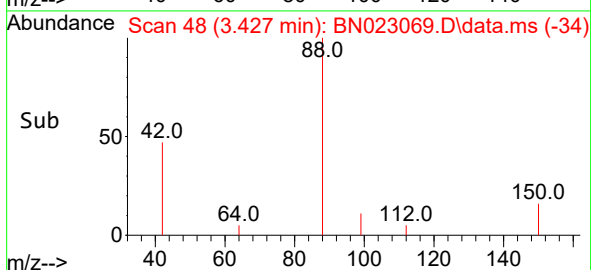
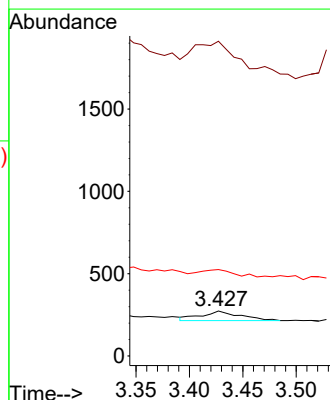
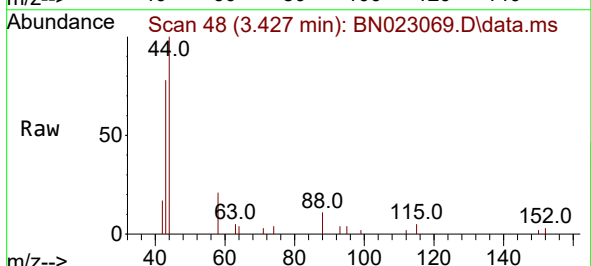
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 BNA_N
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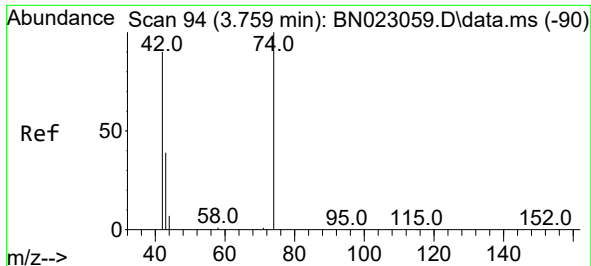
Tgt Ion:152 Resp: 5223
 Ion Ratio Lower Upper
 152 100
 150 155.8 122.3 183.5
 115 59.3 48.6 72.8



#2
 1,4-Dioxane
 Concen: 0.023 ng
 RT: 3.427 min Scan# 48
 Delta R.T. 0.000 min
 Lab File: BN023069.D
 Acq: 05 Dec 2022 22:09

Tgt Ion: 88 Resp: 148
 Ion Ratio Lower Upper
 88 100
 43 388.5 25.4 38.2#
 58 64.9 58.2 87.4

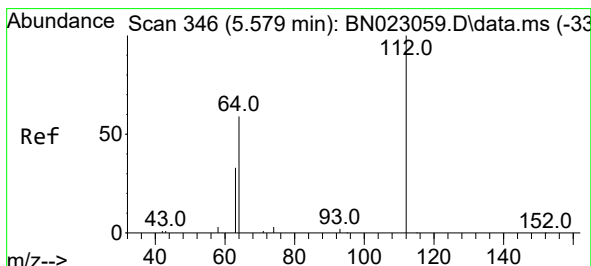
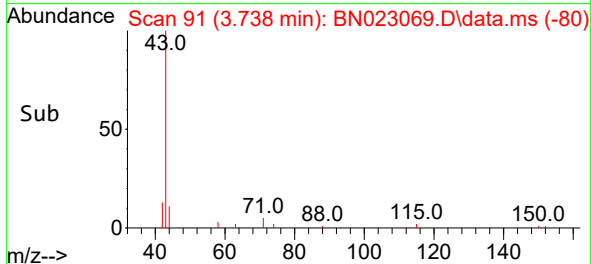
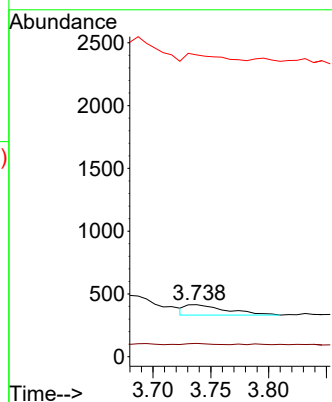
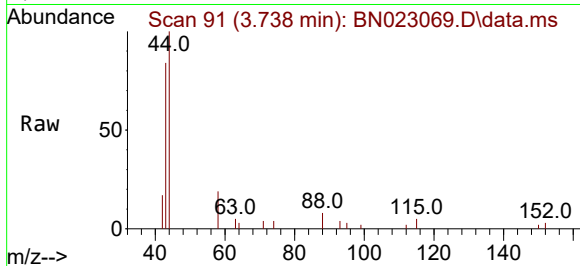




#3
n-Nitrosodimethylamine
Concen: 0.028 ng
RT: 3.738 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN023069.D
Acq: 05 Dec 2022 22:09

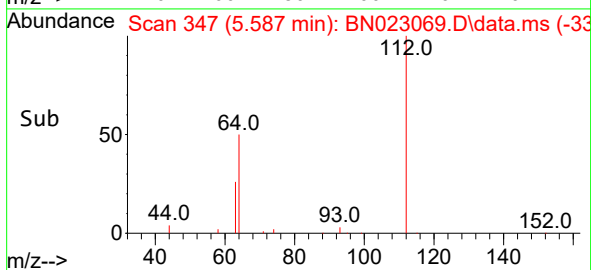
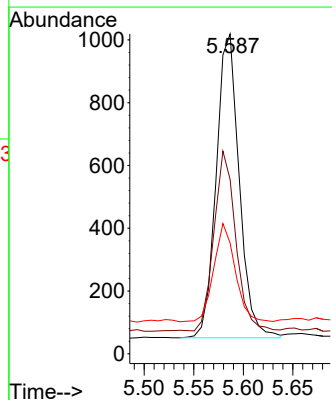
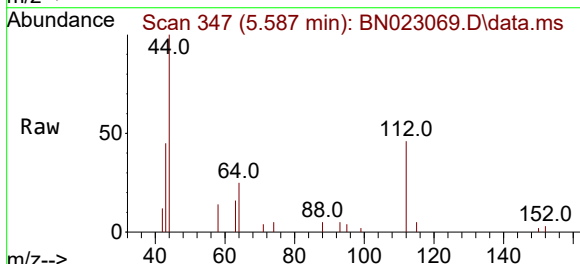
Instrument :
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MW-2R

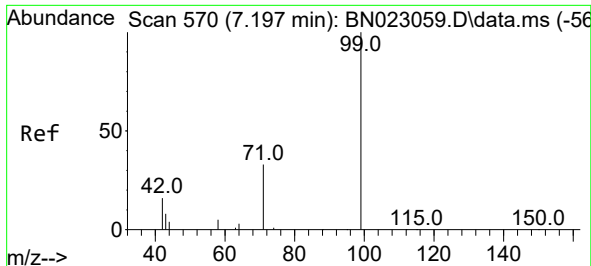
Tgt Ion: 42 Resp: 202
Ion Ratio Lower Upper
42 100
74 6.9 87.4 131.0#
44 55.4 10.4 15.6#



#4
2-Fluorophenol
Concen: 0.134 ng
RT: 5.587 min Scan# 347
Delta R.T. 0.007 min
Lab File: BN023069.D
Acq: 05 Dec 2022 22:09

Tgt Ion: 112 Resp: 1561
Ion Ratio Lower Upper
112 100
64 56.6 46.2 69.4
63 30.0 25.1 37.7

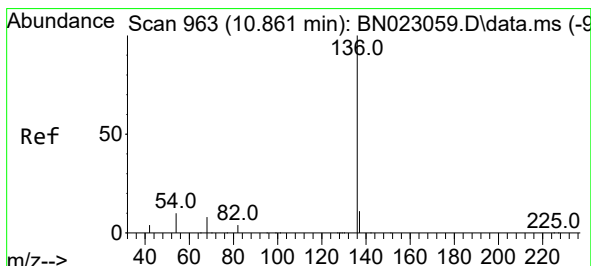
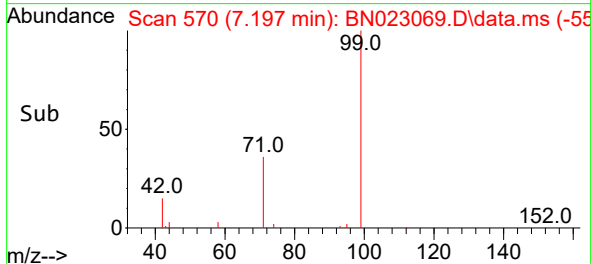
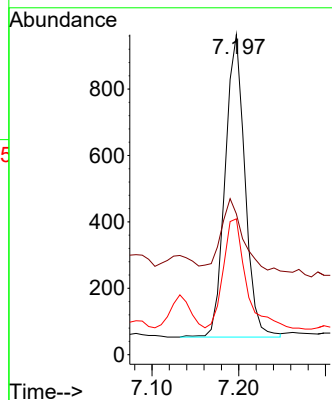
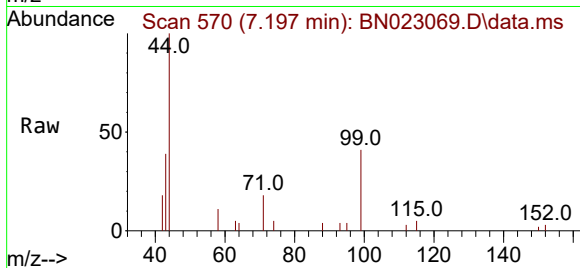




#5
Phenol-d6
Concen: 0.093 ng
RT: 7.197 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN023069.D
Acq: 05 Dec 2022 22:09

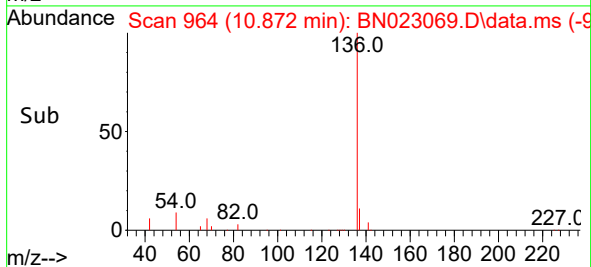
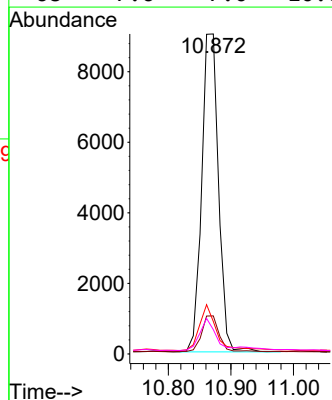
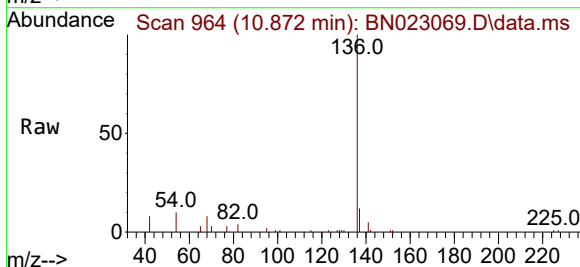
Instrument :
BNA_N
ClientSampleId :
MW-2R

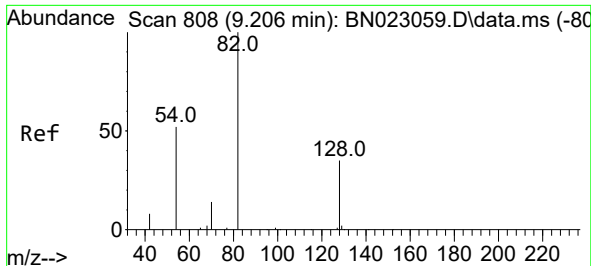
Tgt Ion: 99 Resp: 1440
Ion Ratio Lower Upper
99 100
42 35.2 18.1 27.1#
71 42.4 28.2 42.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.872 min Scan# 964
Delta R.T. 0.011 min
Lab File: BN023069.D
Acq: 05 Dec 2022 22:09

Tgt Ion: 136 Resp: 16874
Ion Ratio Lower Upper
136 100
137 11.9 9.4 14.2
54 10.1 8.8 13.2
68 7.6 7.0 10.6

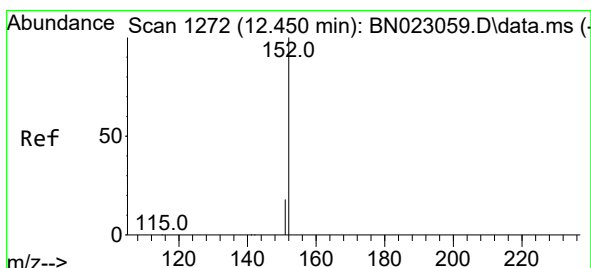
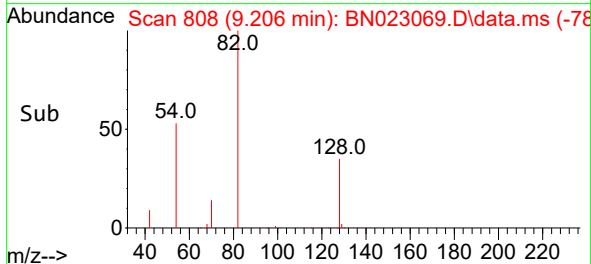
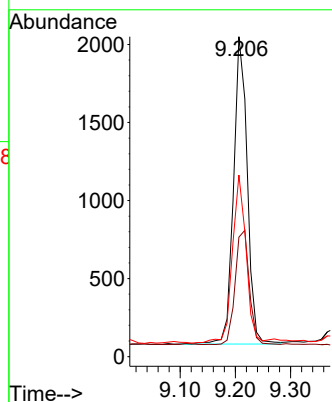
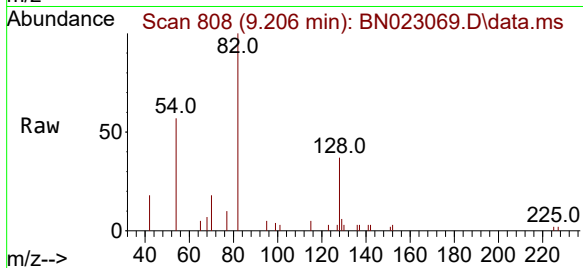




#8
Nitrobenzene-d5
Concen: 0.266 ng
RT: 9.206 min Scan# 808
Delta R.T. 0.000 min
Lab File: BN023069.D
Acq: 05 Dec 2022 22:09

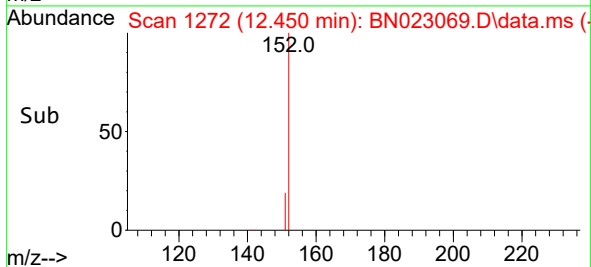
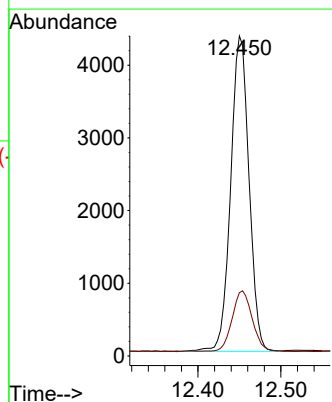
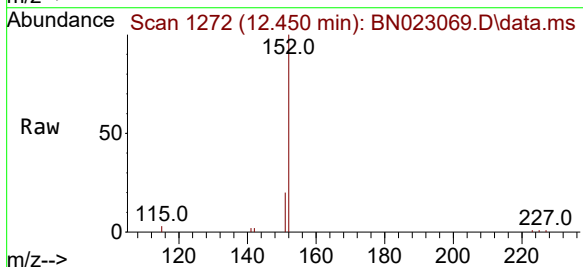
Instrument :
BNA_N
ClientSampleId :
MW-2R

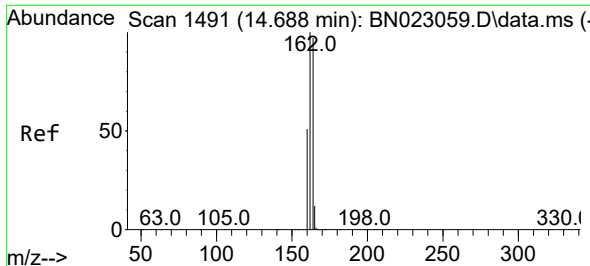
Tgt Ion: 82 Resp: 3388
Ion Ratio Lower Upper
82 100
128 37.3 29.9 44.9
54 56.7 44.2 66.2



#11
2-Methylnaphthalene-d10
Concen: 0.264 ng
RT: 12.450 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BN023069.D
Acq: 05 Dec 2022 22:09

Tgt Ion: 152 Resp: 6664
Ion Ratio Lower Upper
152 100
151 22.5 18.9 28.3

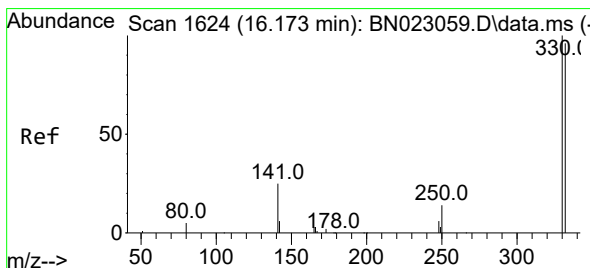
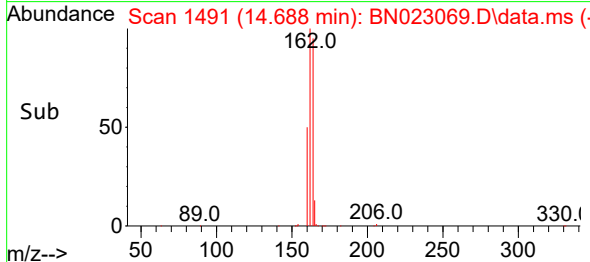
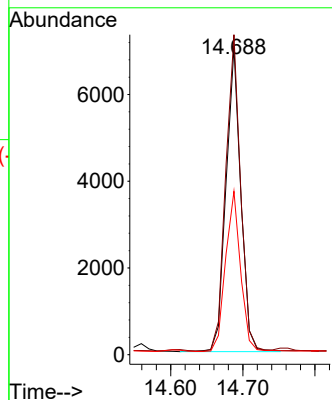
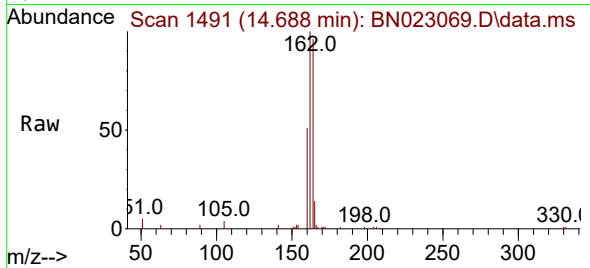




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.688 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BN023069.D
Acq: 05 Dec 2022 22:09

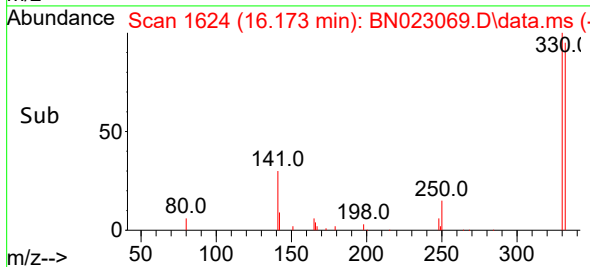
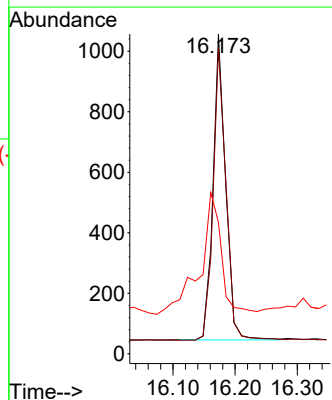
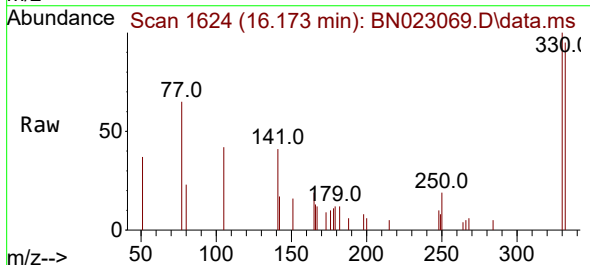
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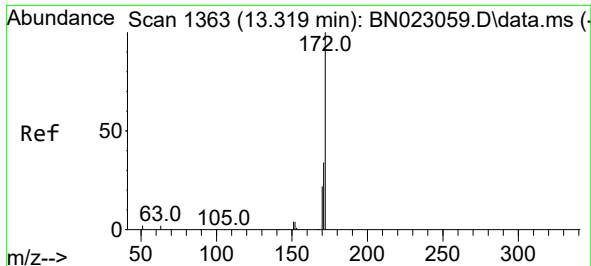
Tgt Ion:164 Resp: 9943
Ion Ratio Lower Upper
164 100
162 104.1 82.7 124.1
160 53.1 42.6 63.8



#14
2,4,6-Tribromophenol
Concen: 0.345 ng
RT: 16.173 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BN023069.D
Acq: 05 Dec 2022 22:09

Tgt Ion:330 Resp: 1424
Ion Ratio Lower Upper
330 100
332 97.2 77.1 115.7
141 59.6 36.7 55.1#

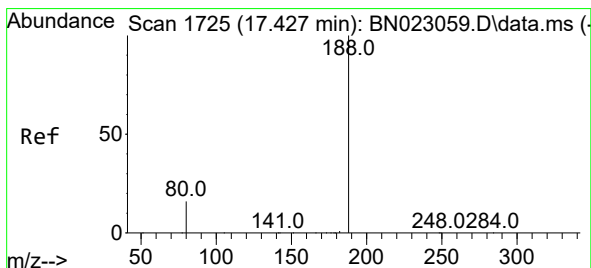
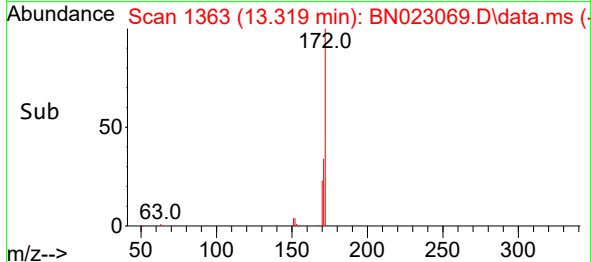
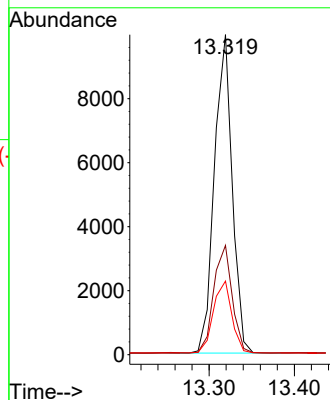
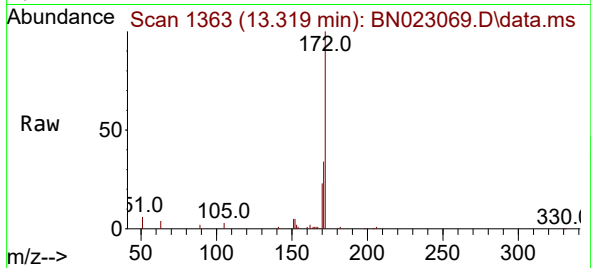




#15
2-Fluorobiphenyl
Concen: 0.323 ng
RT: 13.319 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BN023069.D
Acq: 05 Dec 2022 22:09

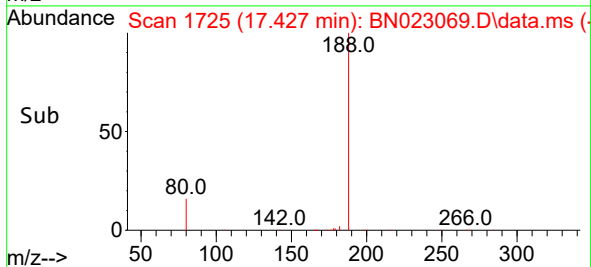
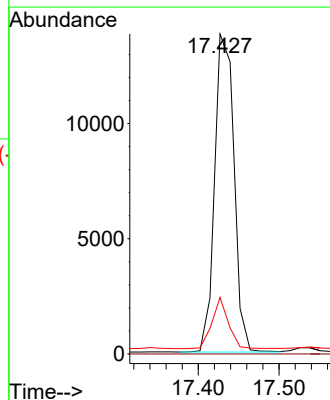
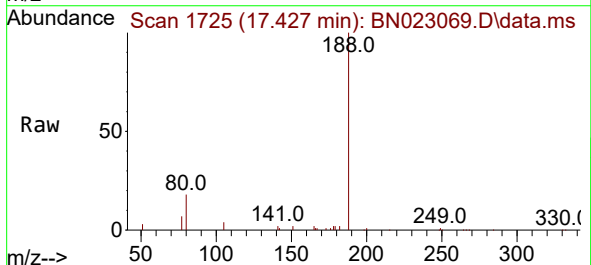
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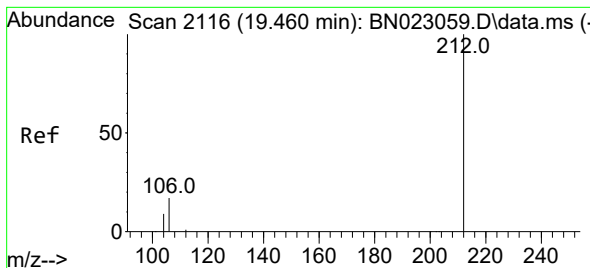
Tgt Ion:172 Resp: 14409
Ion Ratio Lower Upper
172 100
171 34.1 27.3 40.9
170 23.0 18.3 27.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.427 min Scan# 1725
Delta R.T. 0.000 min
Lab File: BN023069.D
Acq: 05 Dec 2022 22:09

Tgt Ion:188 Resp: 23007
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 17.7 13.3 19.9





#27

Fluoranthene-d10

Concen: 0.290 ng

RT: 19.460 min Scan# 2116

Delta R.T. 0.000 min

Lab File: BN023069.D

Acq: 05 Dec 2022 22:09

Instrument :

BNA_N

ClientSampleId :

MW-2R

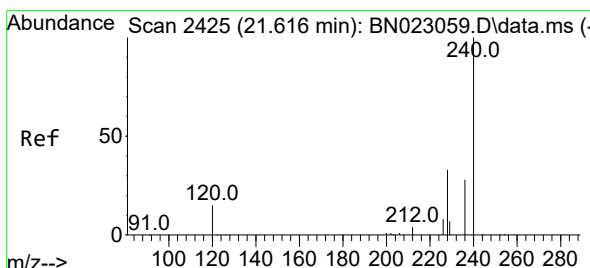
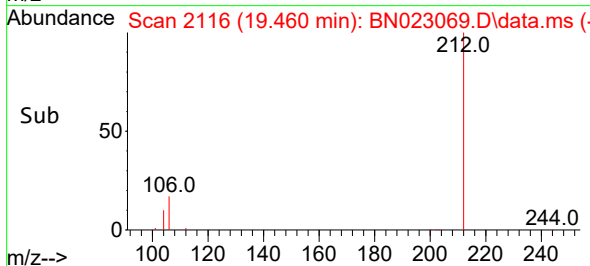
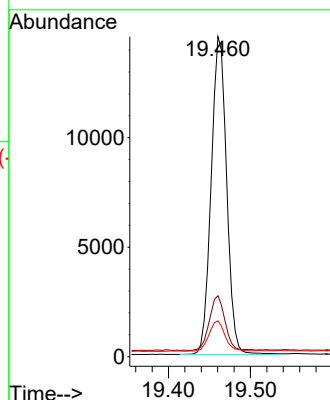
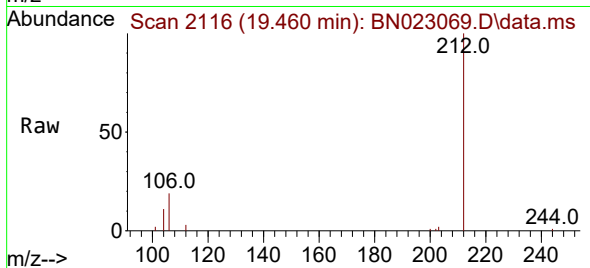
Tgt Ion:212 Resp: 19049

Ion Ratio Lower Upper

212 100

106 17.3 13.3 19.9

104 10.0 7.7 11.5



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.616 min Scan# 2425

Delta R.T. 0.000 min

Lab File: BN023069.D

Acq: 05 Dec 2022 22:09

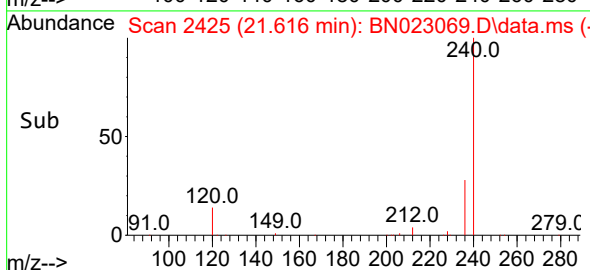
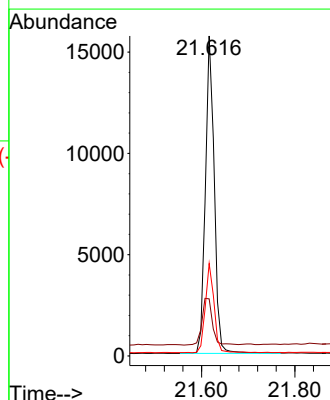
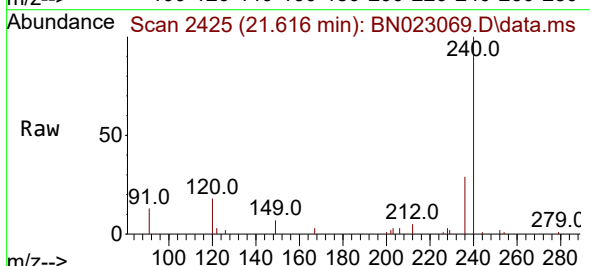
Tgt Ion:240 Resp: 20791

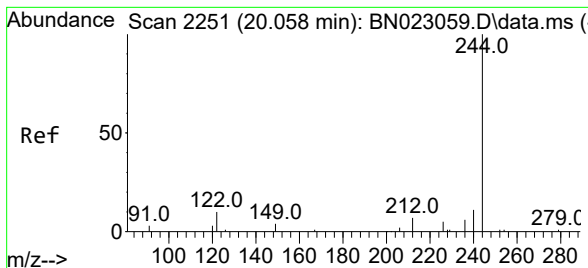
Ion Ratio Lower Upper

240 100

120 17.8 14.2 21.4

236 28.9 22.8 34.2





#31

Terphenyl-d14

Concen: 0.404 ng

RT: 20.058 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN023069.D

Acq: 05 Dec 2022 22:09

Instrument :

BNA_N

ClientSampleId :

MW-2R

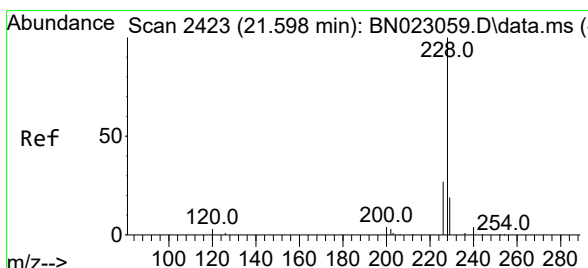
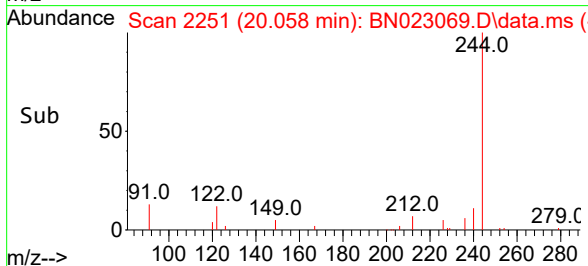
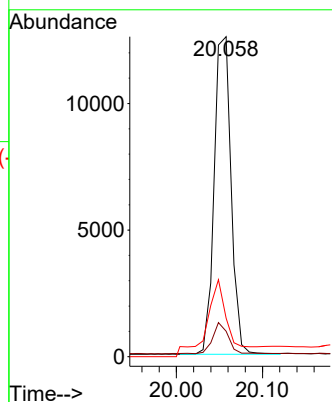
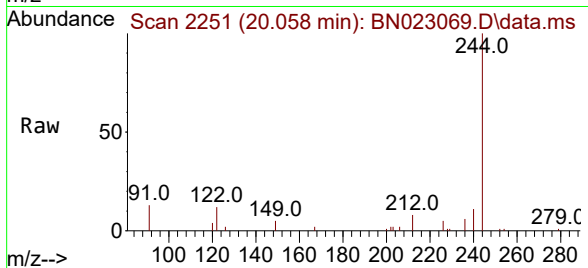
Tgt Ion:244 Resp: 17157

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

122 12.1 7.7 11.5#



#32

Benzo(a)anthracene

Concen: 0.026 ng

RT: 21.598 min Scan# 2423

Delta R.T. 0.000 min

Lab File: BN023069.D

Acq: 05 Dec 2022 22:09

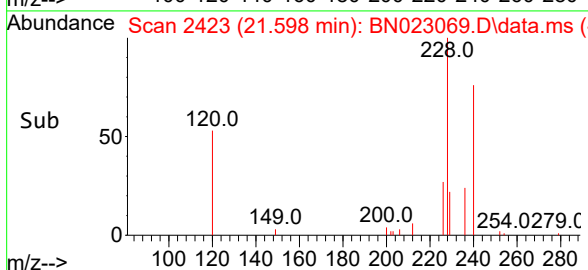
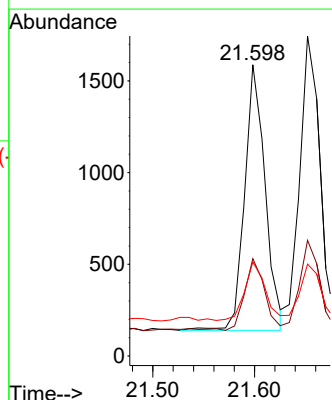
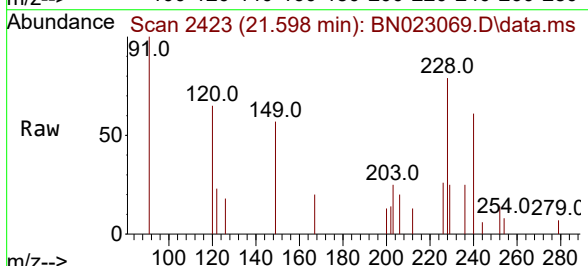
Tgt Ion:228 Resp: 2027

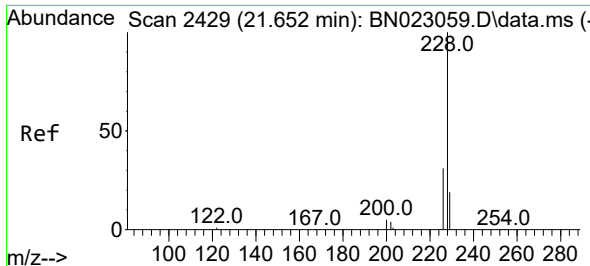
Ion Ratio Lower Upper

228 100

226 33.4 22.2 33.4#

229 32.2 15.7 23.5#





#33

Chrysene

Concen: 0.026 ng

RT: 21.652 min Scan# 2429

Delta R.T. 0.000 min

Lab File: BN023069.D

Acq: 05 Dec 2022 22:09

Instrument :

BNA_N

ClientSampleId :

MW-2R

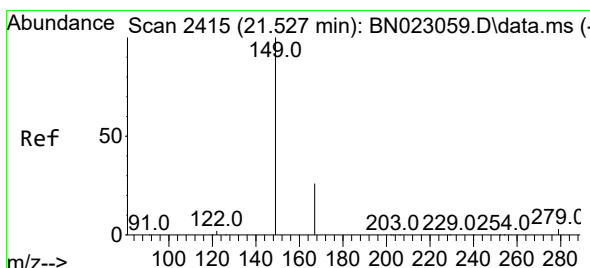
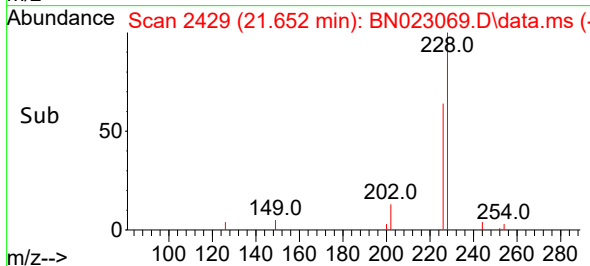
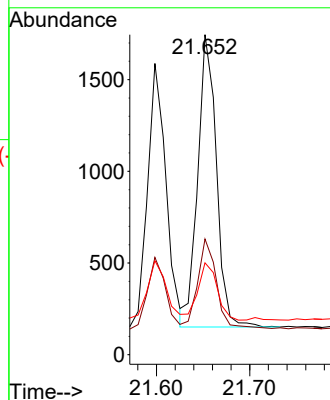
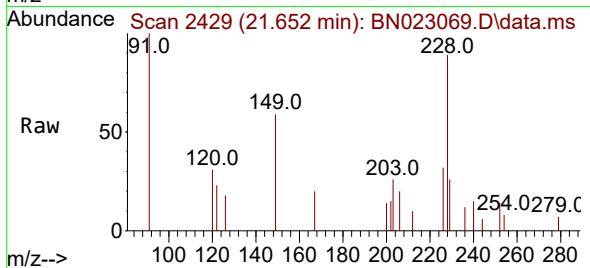
Tgt Ion:228 Resp: 2215

Ion Ratio Lower Upper

228 100

226 36.2 25.0 37.6

229 28.7 15.4 23.0#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.181 ng

RT: 21.518 min Scan# 2414

Delta R.T. -0.009 min

Lab File: BN023069.D

Acq: 05 Dec 2022 22:09

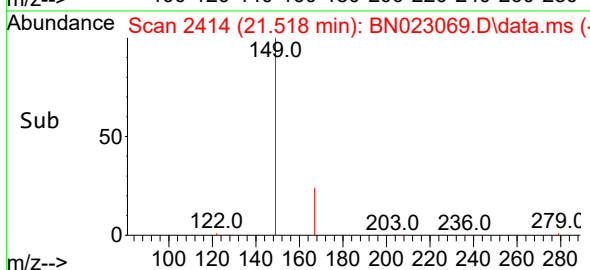
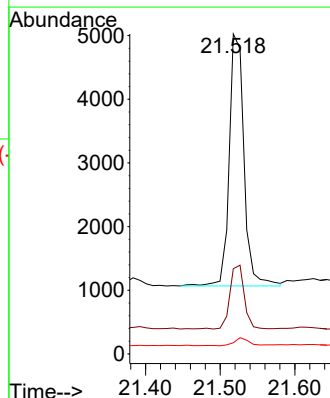
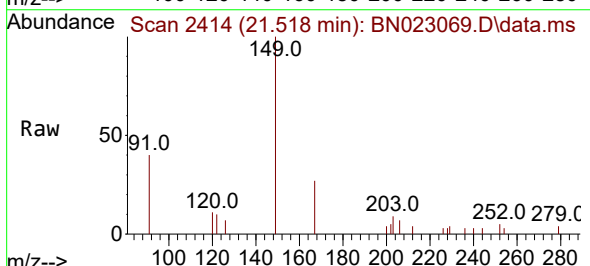
Tgt Ion:149 Resp: 5435

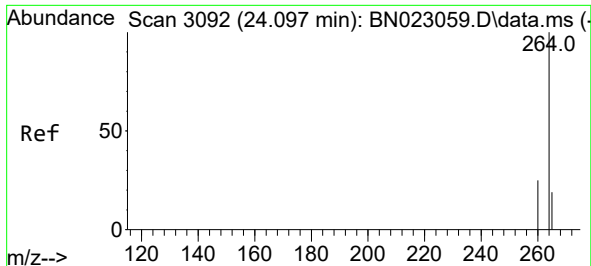
Ion Ratio Lower Upper

149 100

167 24.4 19.5 29.3

279 2.9 2.6 4.0

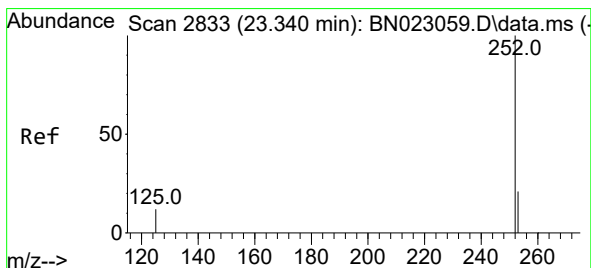
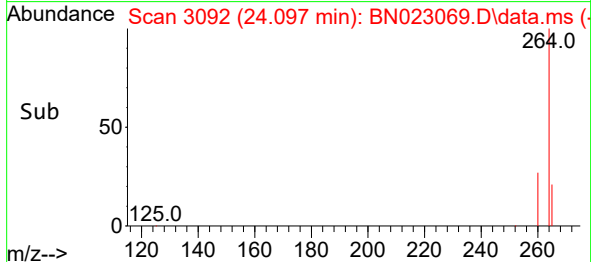
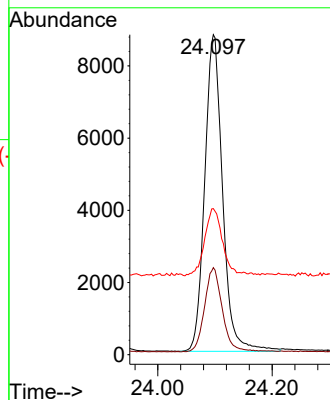
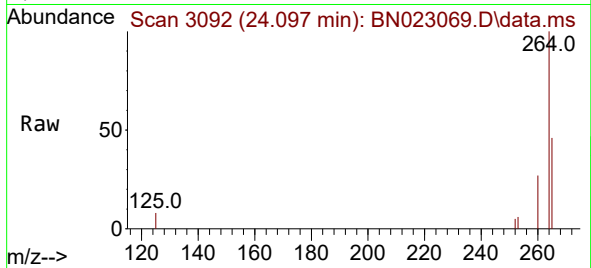




#35
Perylene-d12
Concen: 0.400 ng
RT: 24.097 min Scan# 3092
Delta R.T. 0.000 min
Lab File: BN023069.D
Acq: 05 Dec 2022 22:09

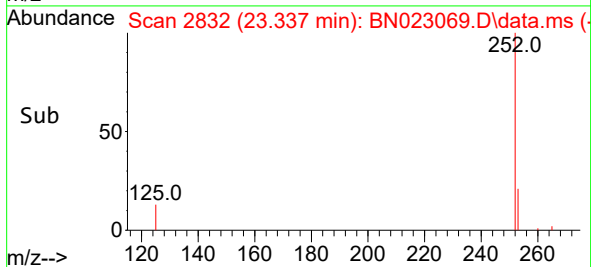
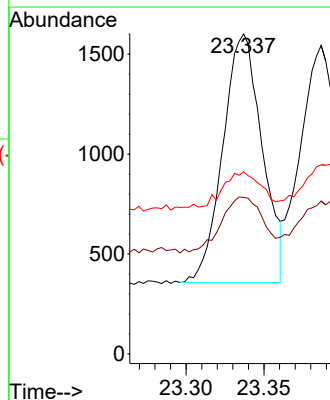
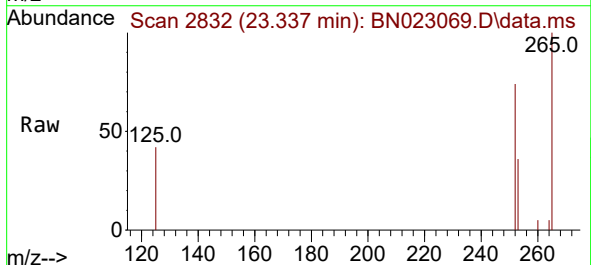
Instrument :
BNA_N
ClientSampleId :
MW-2R

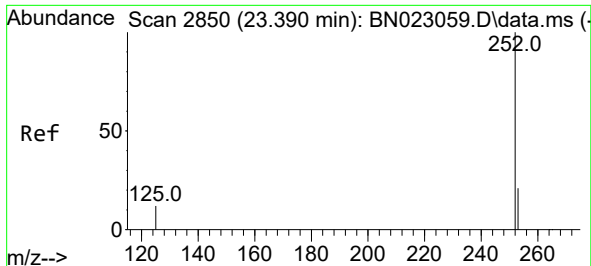
Tgt Ion:	264	Resp:	19054
Ion Ratio	Lower	Upper	
264	100		
260	27.2	21.0	31.4
265	45.6	45.0	67.6



#37
Benzo(b)fluoranthene
Concen: 0.025 ng
RT: 23.337 min Scan# 2832
Delta R.T. -0.003 min
Lab File: BN023069.D
Acq: 05 Dec 2022 22:09

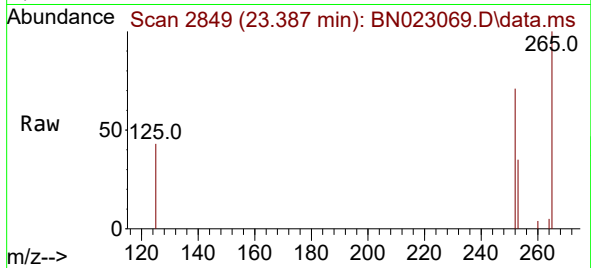
Tgt Ion:	252	Resp:	2179
Ion Ratio	Lower	Upper	
252	100		
253	49.0	19.5	29.3#
125	56.9	13.4	20.2#



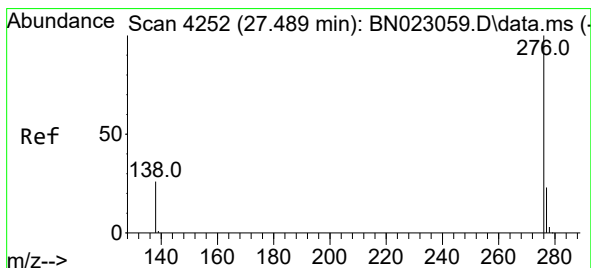
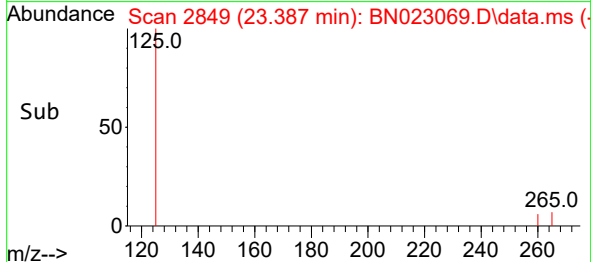
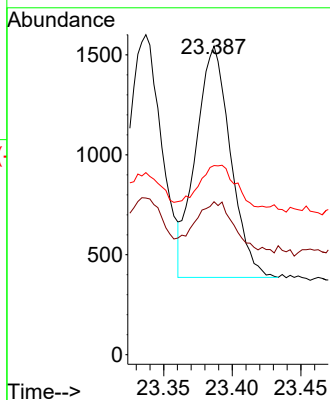


#38
Benzo(k)fluoranthene
Concen: 0.023 ng
RT: 23.387 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN023069.D
Acq: 05 Dec 2022 22:09

Instrument :
BNA_N
ClientSampleId :
MW-2R



Tgt Ion:252 Resp: 2041
Ion Ratio Lower Upper
252 100
253 49.5 19.4 29.2#
125 61.3 13.5 20.3#



#41
Benzo(g,h,i)perylene
Concen: 0.022 ng
RT: 27.491 min Scan# 4253
Delta R.T. 0.003 min
Lab File: BN023069.D
Acq: 05 Dec 2022 22:09

Tgt Ion:276 Resp: 1856
Ion Ratio Lower Upper
276 100
277 34.8 19.7 29.5#
138 43.3 22.2 33.4#

