

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022324\
 Data File : BN029969.D
 Acq On : 23 Feb 2024 22:40
 Operator : MA/JU
 Sample : P1507-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D3-20240214

Quant Time: Feb 24 02:23:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 23:52:05 2024
 Response via : Initial Calibration

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

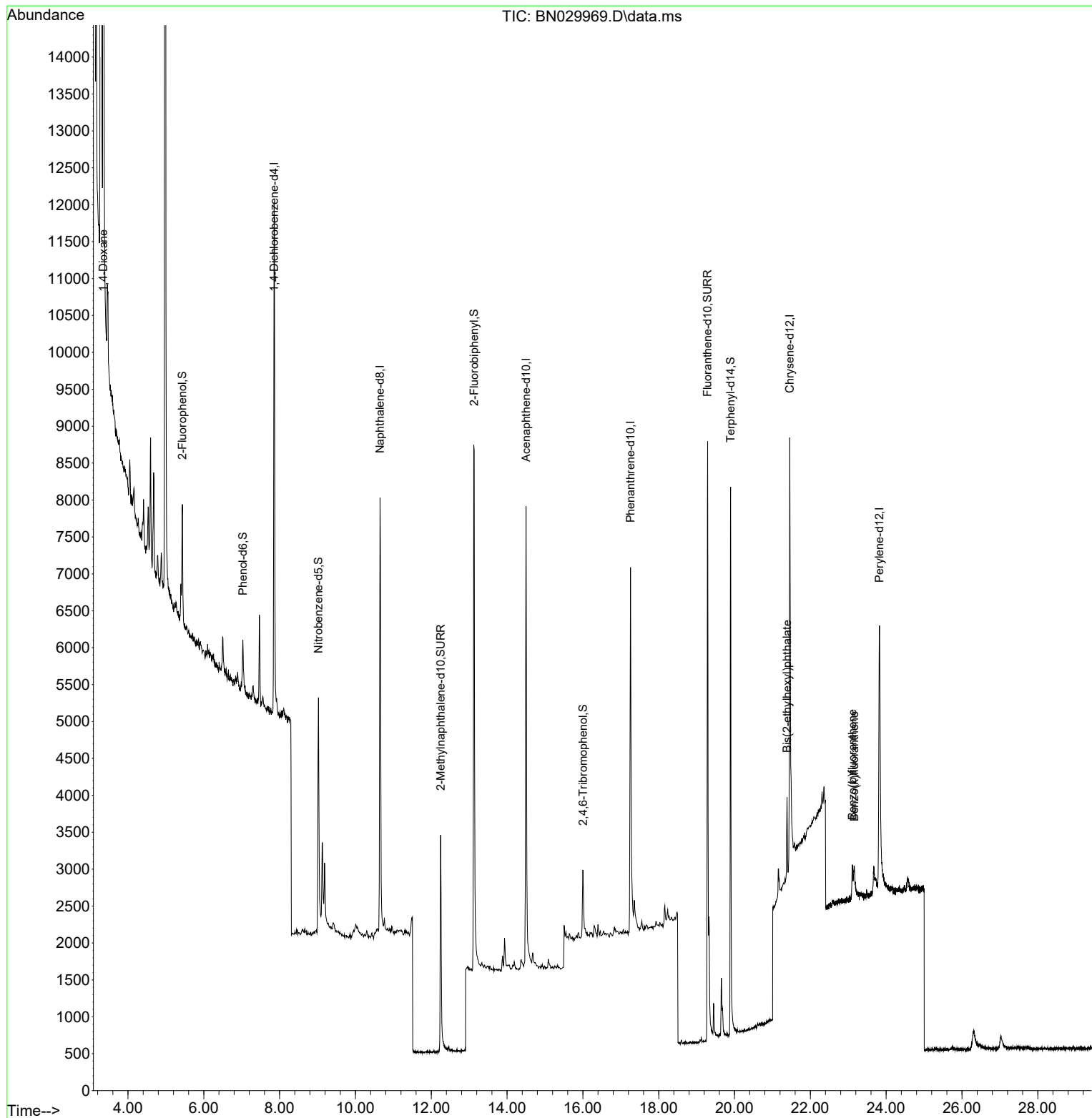
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	3599	0.400	ng	-0.01
7) Naphthalene-d8	10.647	136	9178	0.400	ng	#-0.02
13) Acenaphthene-d10	14.500	164	4330	0.400	ng	-0.01
19) Phenanthrene-d10	17.255	188	8434	0.400	ng	0.00
29) Chrysene-d12	21.456	240	7400	0.400	ng	0.00
35) Perylene-d12	23.820	264	7133	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	1291	0.149	ng	0.00
5) Phenol-d6	7.031	99	833	0.084	ng	0.00
8) Nitrobenzene-d5	9.024	82	3323	0.435	ng	-0.01
11) 2-Methylnaphthalene-d10	12.249	152	4871	0.390	ng	0.00
14) 2,4,6-Tribromophenol	16.001	330	640	0.461	ng	0.00
15) 2-Fluorobiphenyl	13.132	172	8161	0.439	ng	0.00
27) Fluoranthene-d10	19.289	212	10507	0.514	ng	0.00
31) Terphenyl-d14	19.898	244	8442	0.460	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.347	88	22400	4.421	ng	Qvalue 97
34) Bis(2-ethylhexyl)phtha...	21.384	149	1087	0.063	ng	# 94
37) Benzo(b)fluoranthene	23.110	252	739	0.029	ng	# 1
38) Benzo(k)fluoranthene	23.159	252	604	0.023	ng	# 1

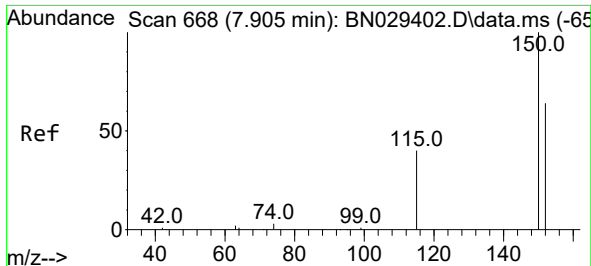
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022324\
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Misc :
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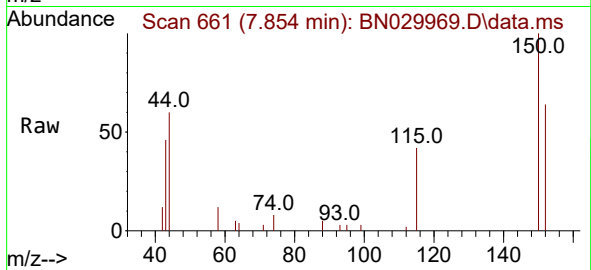
Quant Time: Feb 24 02:23:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 23:52:05 2024
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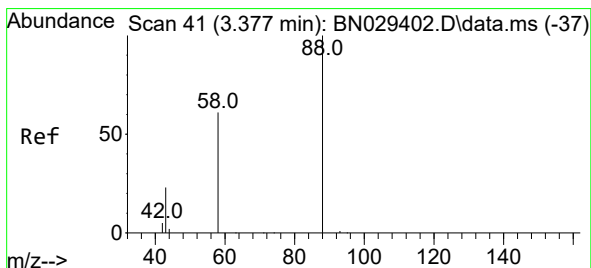
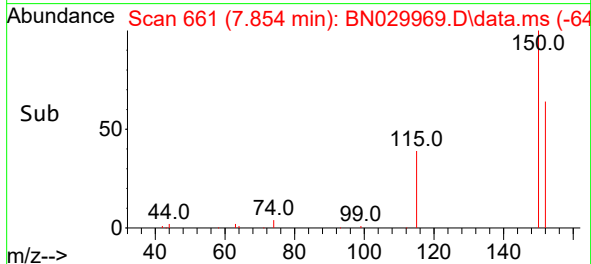
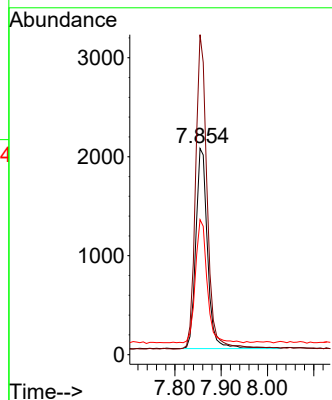


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 61
Delta R.T. -0.015 min
Lab File: BN029969.D
Acq: 23 Feb 2024 22:40

Instrument :
BNA_N
ClientSampleId :
RE132D3-20240214

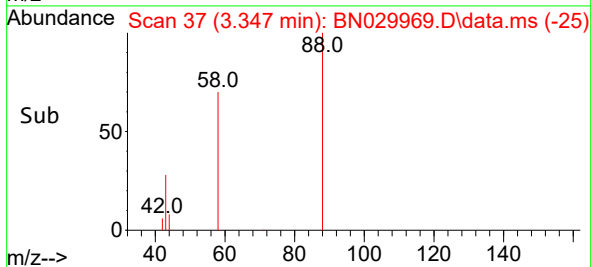
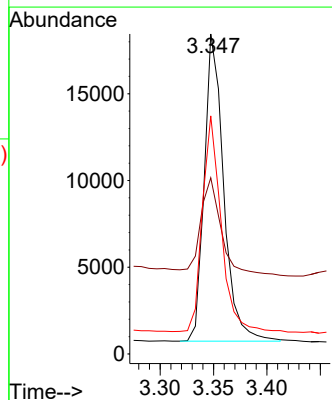
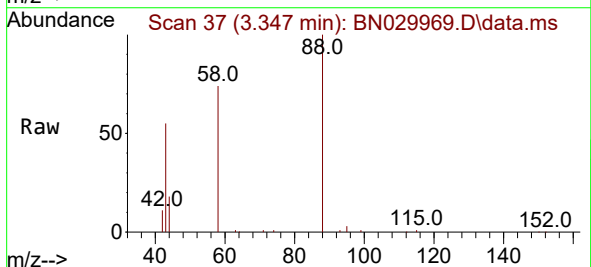


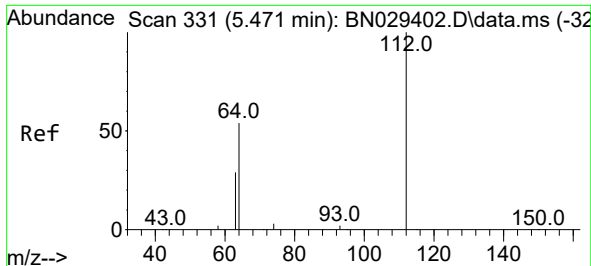
Tgt Ion:152 Resp: 3599
Ion Ratio Lower Upper
152 100
150 155.1 123.0 184.4
115 65.5 51.4 77.0



#2
1,4-Dioxane
Concen: 4.421 ng
RT: 3.347 min Scan# 37
Delta R.T. -0.015 min
Lab File: BN029969.D
Acq: 23 Feb 2024 22:40

Tgt Ion: 88 Resp: 22400
Ion Ratio Lower Upper
88 100
43 33.7 23.3 34.9
58 67.7 53.8 80.6

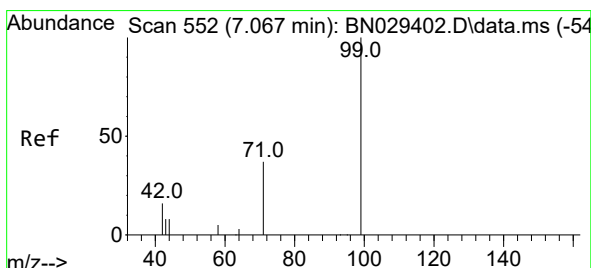
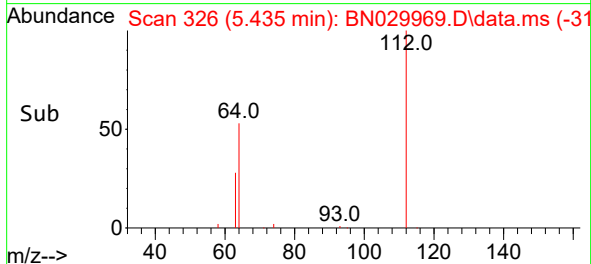
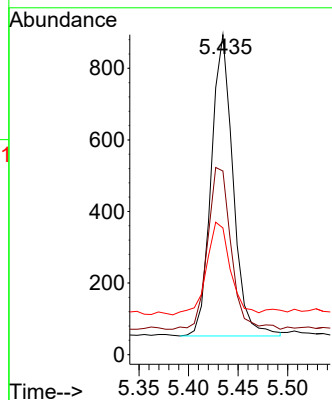
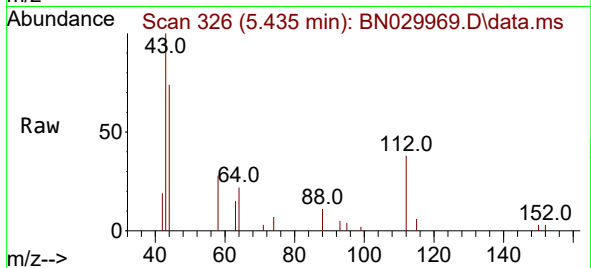




#4
2-Fluorophenol
Concen: 0.149 ng
RT: 5.435 min Scan# 31
Delta R.T. -0.008 min
Lab File: BN029969.D
Acq: 23 Feb 2024 22:40

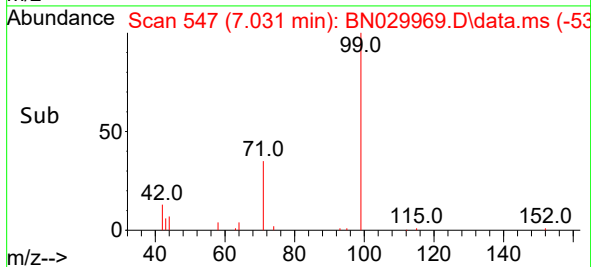
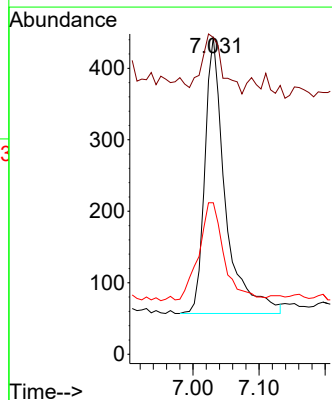
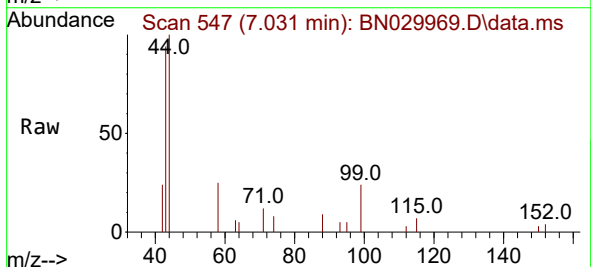
Instrument :
BNA_N
ClientSampleId :
RE132D3-20240214

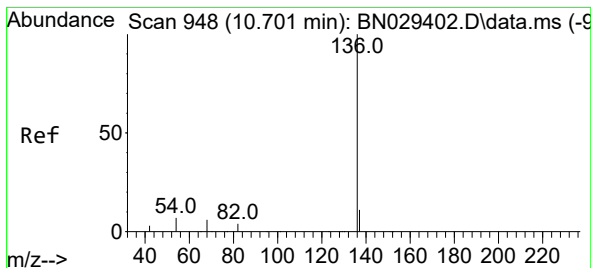
Tgt Ion:112 Resp: 1291
Ion Ratio Lower Upper
112 100
64 57.6 47.2 70.8
63 33.3 25.8 38.6



#5
Phenol-d6
Concen: 0.084 ng
RT: 7.031 min Scan# 547
Delta R.T. -0.008 min
Lab File: BN029969.D
Acq: 23 Feb 2024 22:40

Tgt Ion: 99 Resp: 833
Ion Ratio Lower Upper
99 100
42 21.6 16.9 25.3
71 44.3 30.0 45.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.647 min Scan# 94

Delta R.T. -0.022 min

Lab File: BN029969.D

Acq: 23 Feb 2024 22:40

Instrument :

BNA_N

ClientSampleId :

RE132D3-20240214

Tgt Ion:136 Resp: 9178

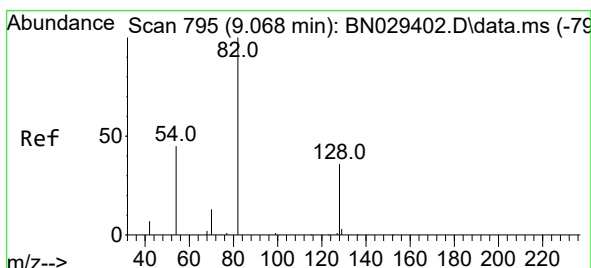
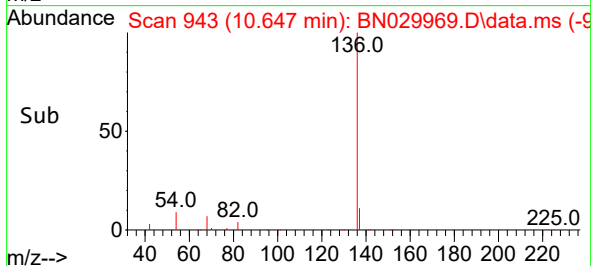
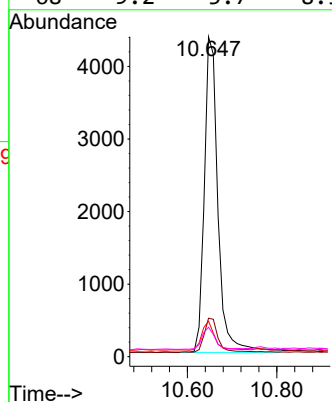
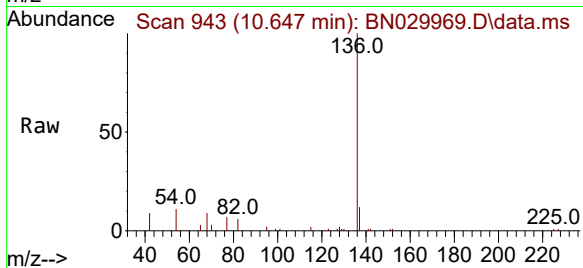
Ion Ratio Lower Upper

136 100

137 12.0 9.7 14.5

54 11.1 6.6 10.0#

68 9.2 5.7 8.5#



#8

Nitrobenzene-d5

Concen: 0.435 ng

RT: 9.024 min Scan# 791

Delta R.T. -0.011 min

Lab File: BN029969.D

Acq: 23 Feb 2024 22:40

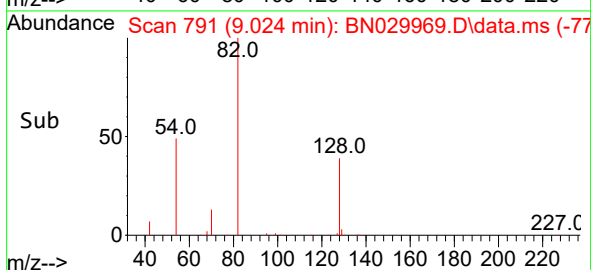
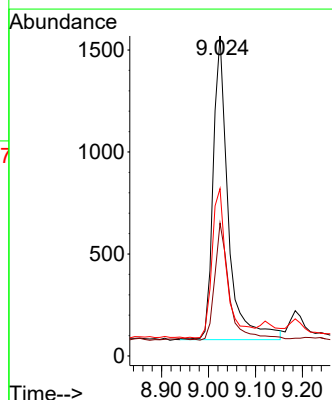
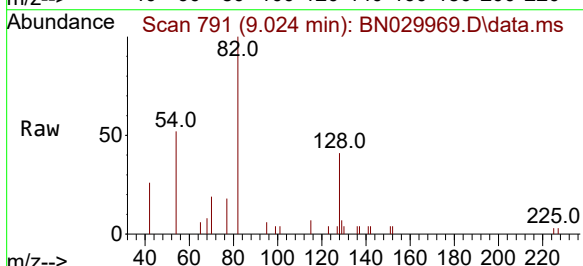
Tgt Ion: 82 Resp: 3323

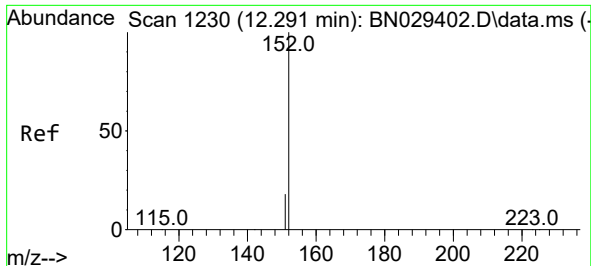
Ion Ratio Lower Upper

82 100

128 41.5 31.6 47.4

54 52.3 38.2 57.4

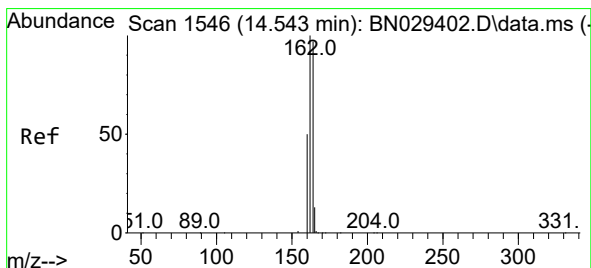
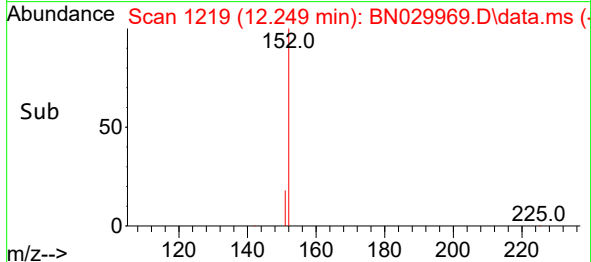
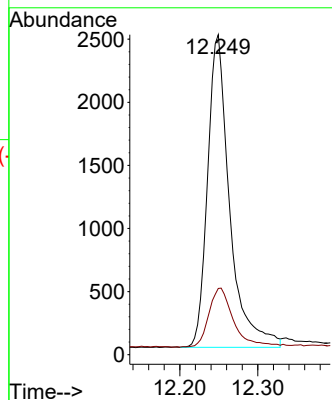
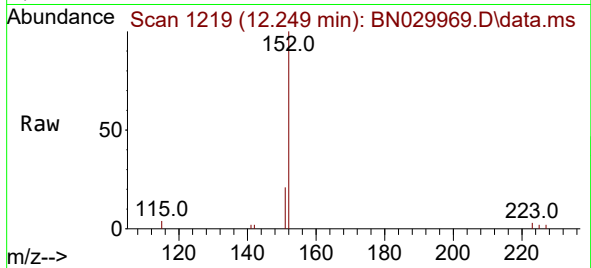




#11
2-Methylnaphthalene-d10
Concen: 0.390 ng
RT: 12.249 min Scan# 11
Delta R.T. -0.008 min
Lab File: BN029969.D
Acq: 23 Feb 2024 22:40

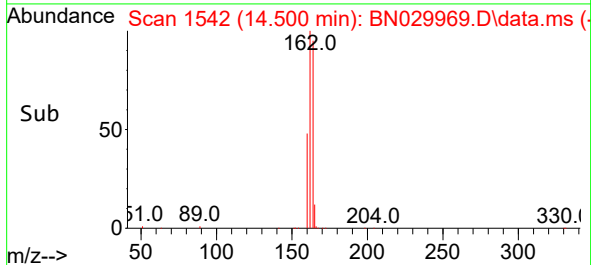
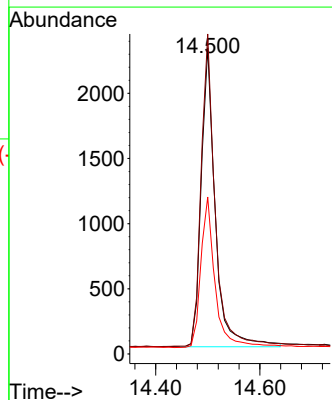
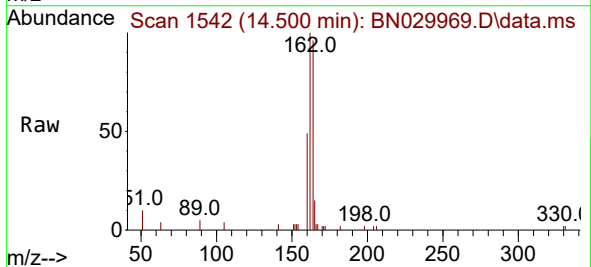
Instrument :
BNA_N
ClientSampleId :
RE132D3-20240214

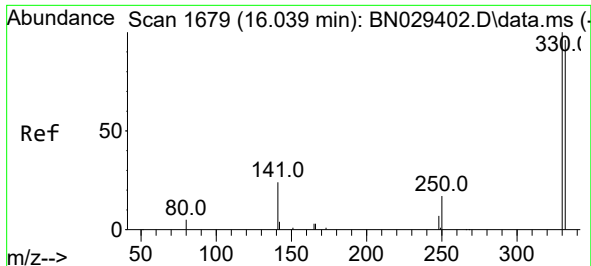
Tgt Ion:152 Resp: 4871
Ion Ratio Lower Upper
152 100
151 21.4 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.500 min Scan# 1542
Delta R.T. -0.011 min
Lab File: BN029969.D
Acq: 23 Feb 2024 22:40

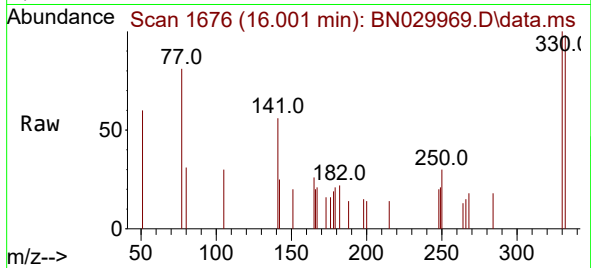
Tgt Ion:164 Resp: 4330
Ion Ratio Lower Upper
164 100
162 104.5 82.6 123.8
160 51.3 41.5 62.3



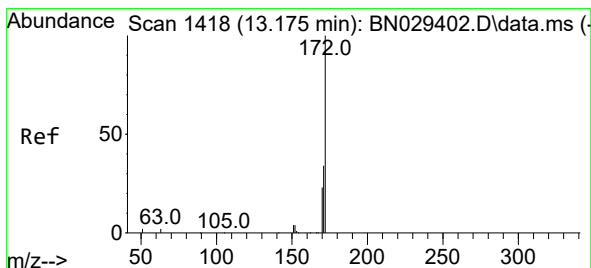
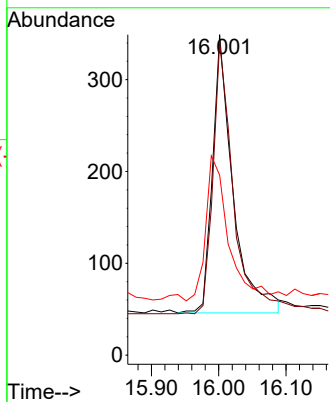
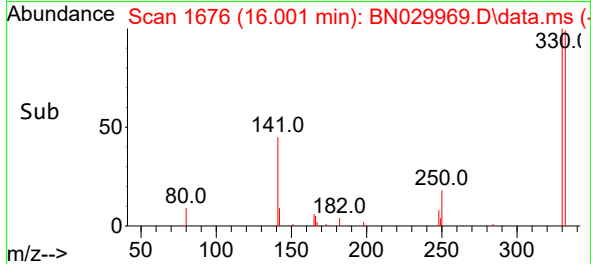


#14
2,4,6-Tribromophenol
Concen: 0.461 ng
RT: 16.001 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029969.D
Acq: 23 Feb 2024 22:40

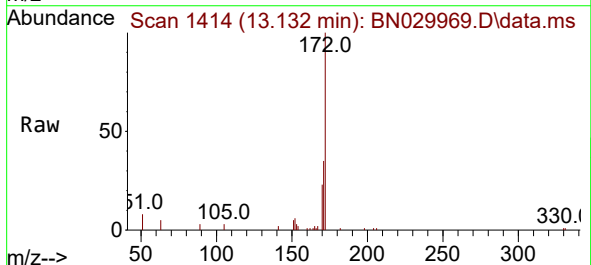
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BNA_N
ClientSampleId :
RE132D3-20240214



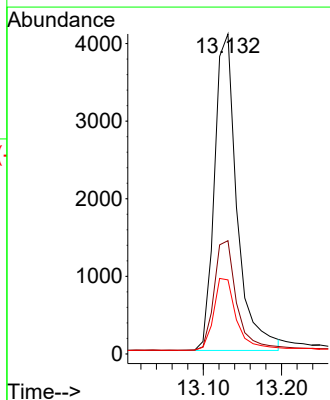
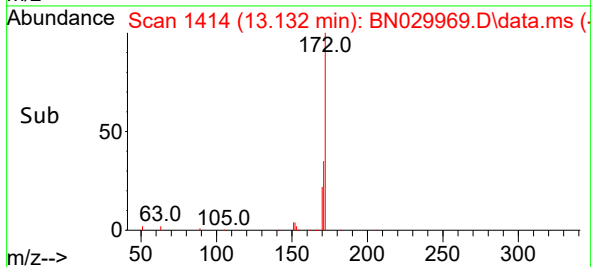
Tgt Ion:330 Resp: 640
Ion Ratio Lower Upper
330 100
332 96.6 76.0 114.0
141 56.4 43.4 65.2

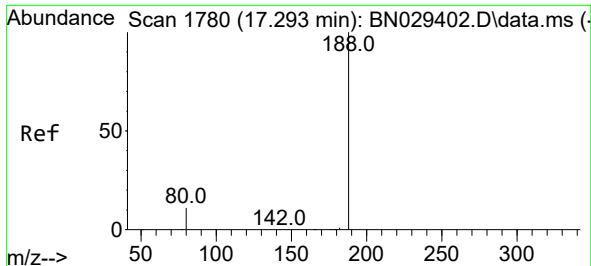


#15
2-Fluorobiphenyl
Concen: 0.439 ng
RT: 13.132 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BN029969.D
Acq: 23 Feb 2024 22:40



Tgt Ion:172 Resp: 8161
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 23.1 18.7 28.1

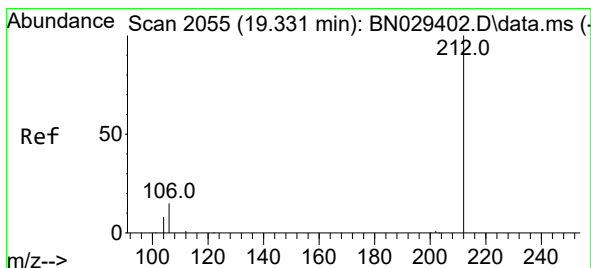
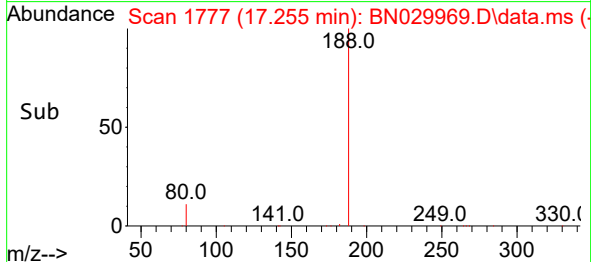
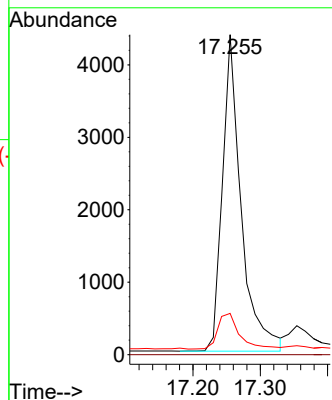
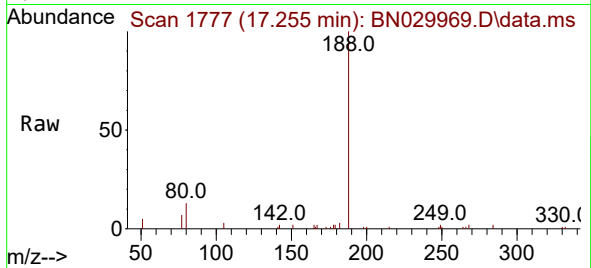




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN029969.D
Acq: 23 Feb 2024 22:40

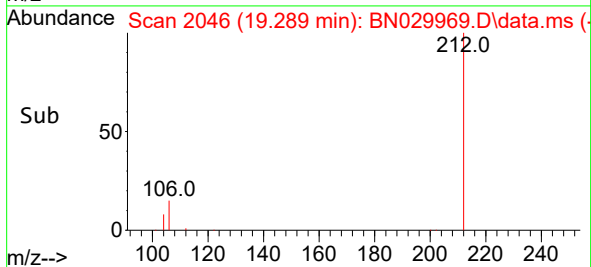
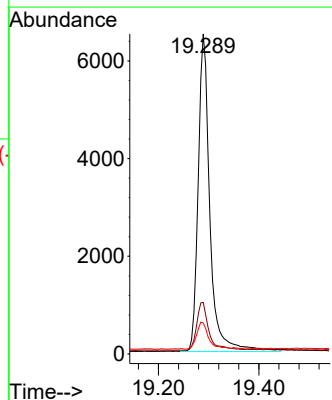
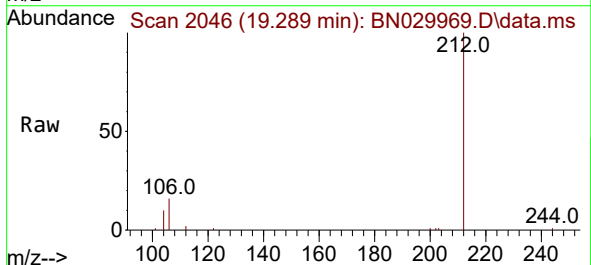
Instrument :
BNA_N
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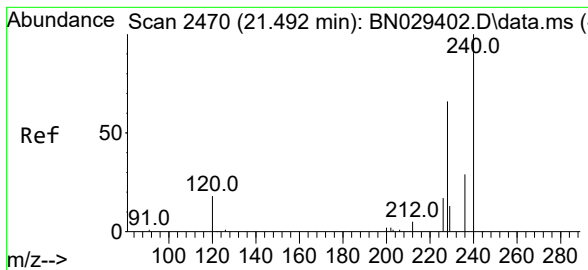
Tgt Ion:188 Resp: 8434
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.9 10.0 15.0



#27
Fluoranthene-d10
Concen: 0.514 ng
RT: 19.289 min Scan# 2046
Delta R.T. -0.010 min
Lab File: BN029969.D
Acq: 23 Feb 2024 22:40

Tgt Ion:212 Resp: 10507
Ion Ratio Lower Upper
212 100
106 15.7 13.2 19.8
104 8.7 7.7 11.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.456 min Scan# 2466

Delta R.T. -0.009 min

Lab File: BN029969.D

Acq: 23 Feb 2024 22:40

Instrument :

BNA_N

ClientSampleId :

RE132D3-20240214

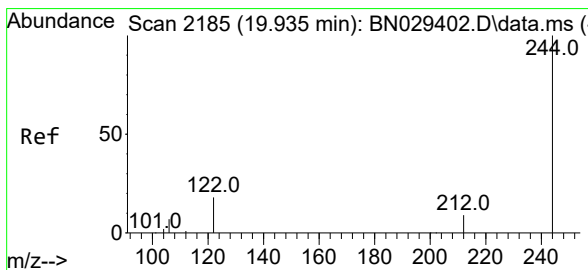
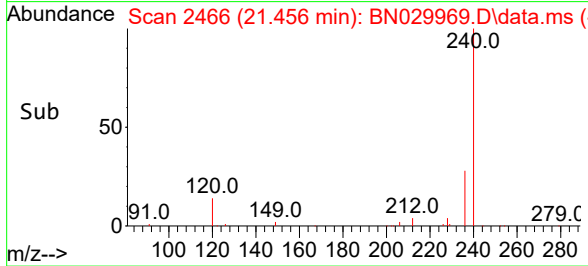
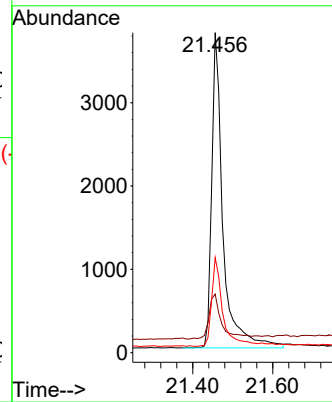
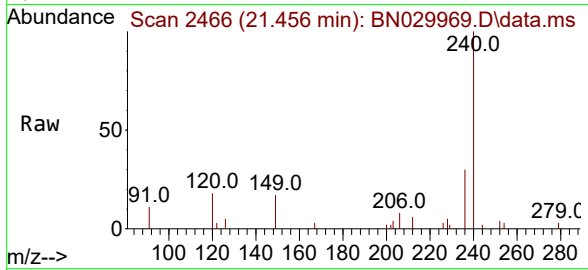
Tgt Ion:240 Resp: 7400

Ion Ratio Lower Upper

240 100

120 18.3 16.7 25.1

236 29.7 23.9 35.9



#31

Terphenyl-d14

Concen: 0.460 ng

RT: 19.898 min Scan# 2177

Delta R.T. -0.010 min

Lab File: BN029969.D

Acq: 23 Feb 2024 22:40

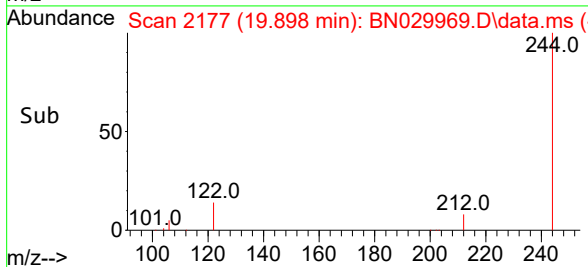
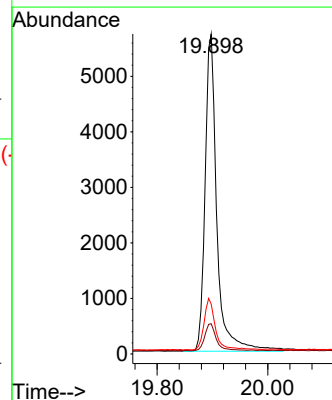
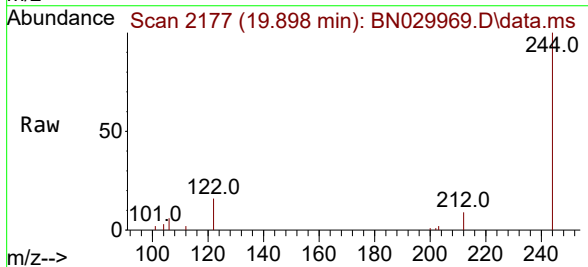
Tgt Ion:244 Resp: 8442

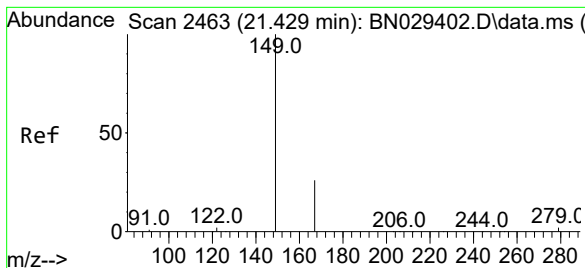
Ion Ratio Lower Upper

244 100

212 9.4 8.2 12.4

122 15.6 15.6 23.4#

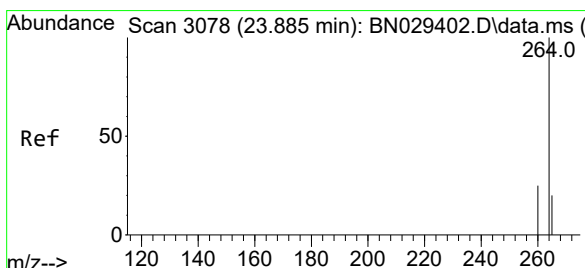
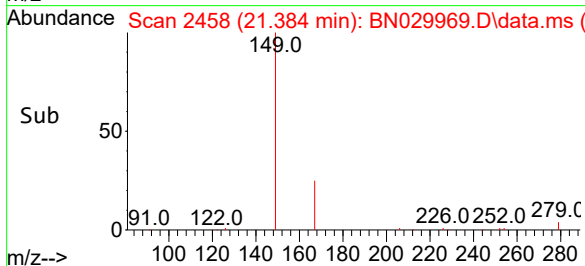
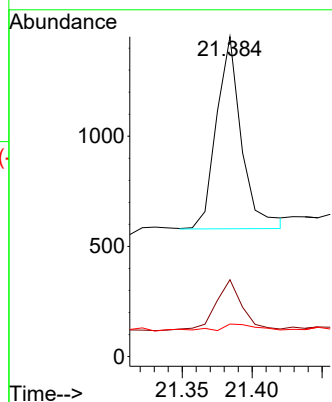
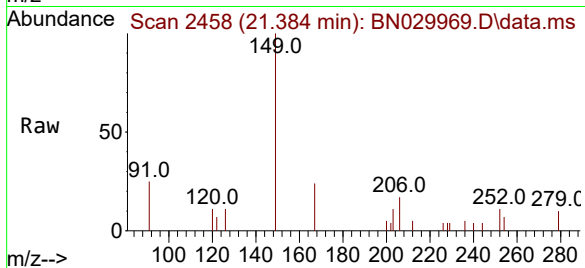




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.063 ng
 RT: 21.384 min Scan# 2458
 Delta R.T. -0.009 min
 Lab File: BN029969.D
 Acq: 23 Feb 2024 22:40

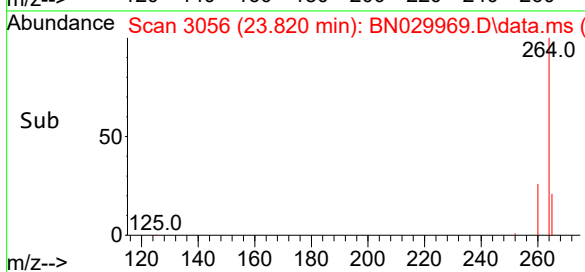
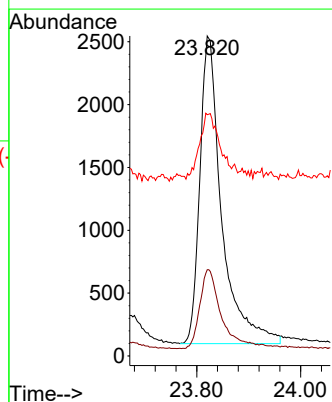
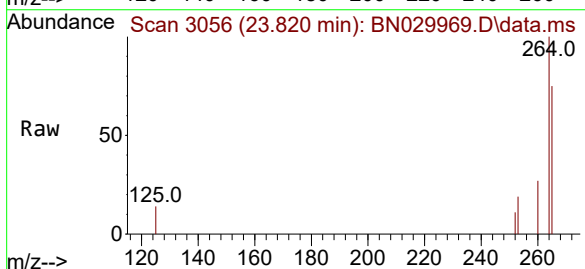
Instrument :
 BNA_N
 ClientSampleId :
 RE132D3-20240214

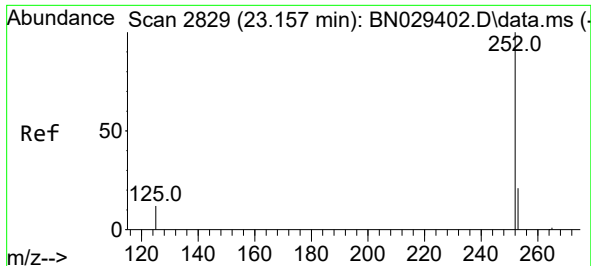
Tgt Ion:149 Resp: 1087
 Ion Ratio Lower Upper
 149 100
 167 28.3 20.1 30.1
 279 4.2 2.5 3.7#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.820 min Scan# 3056
 Delta R.T. -0.012 min
 Lab File: BN029969.D
 Acq: 23 Feb 2024 22:40

Tgt Ion:264 Resp: 7133
 Ion Ratio Lower Upper
 264 100
 260 27.0 21.2 31.8
 265 75.4 41.5 62.3#

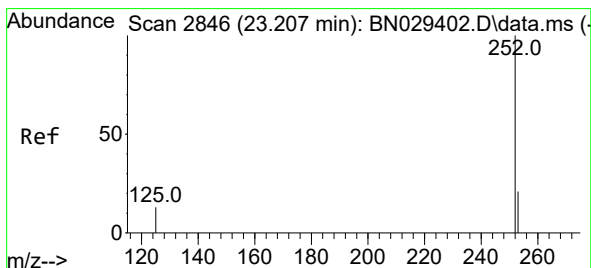
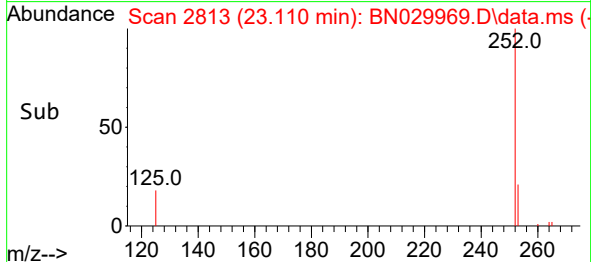
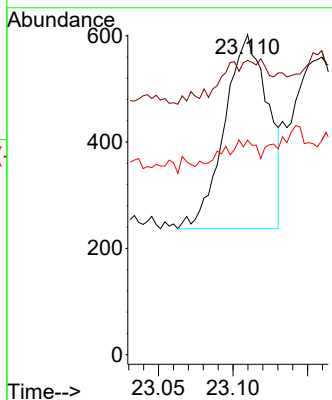
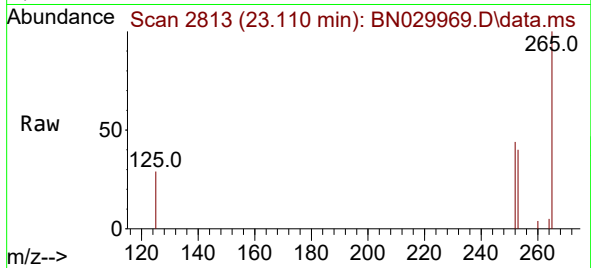




#37
Benzo(b)fluoranthene
Concen: 0.029 ng
RT: 23.110 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN029969.D
Acq: 23 Feb 2024 22:40

Instrument :
BNA_N
ClientSampleId :
RE132D3-20240214

Tgt Ion:252 Resp: 739
Ion Ratio Lower Upper
252 100
253 92.0 21.7 32.5#
125 67.1 13.3 19.9#



#38
Benzo(k)fluoranthene
Concen: 0.023 ng
RT: 23.159 min Scan# 2830
Delta R.T. -0.000 min
Lab File: BN029969.D
Acq: 23 Feb 2024 22:40

Tgt Ion:252 Resp: 604
Ion Ratio Lower Upper
252 100
253 102.1 21.8 32.8#
125 72.0 13.9 20.9#

