

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080324\
 Data File : BN033235.D
 Acq On : 03 Aug 2024 12:48
 Operator : MA/JU
 Sample : P3451-01
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 921-J-WS-080124

Quant Time: Aug 05 03:27:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 02 22:49:47 2024
 Response via : Initial Calibration

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

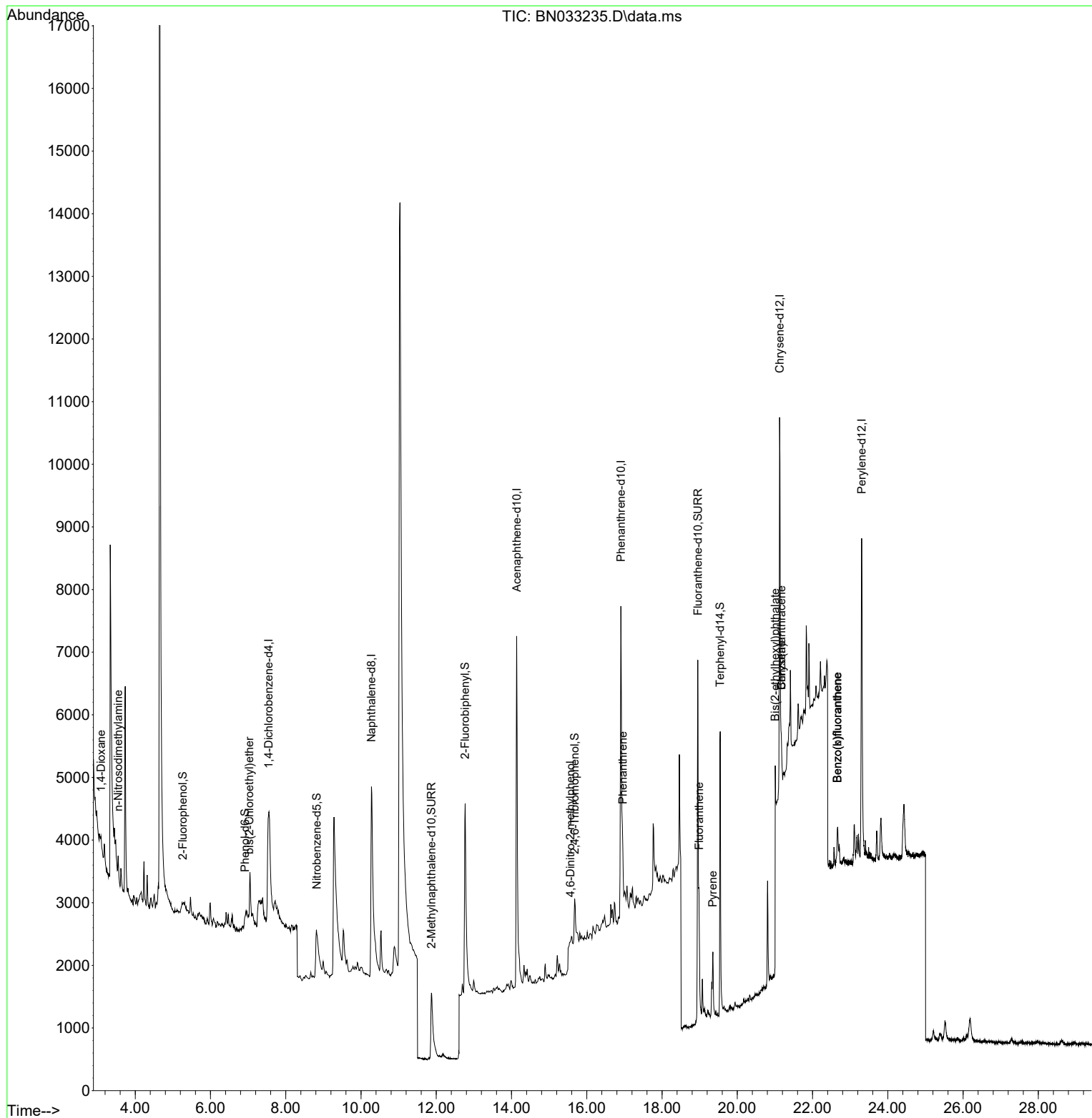
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.546	152	2587	0.400	ng	0.04
7) Naphthalene-d8	10.276	136	9391	0.400	ng	#-0.01
13) Acenaphthene-d10	14.137	164	4760	0.400	ng	0.00
19) Phenanthrene-d10	16.908	188	9238	0.400	ng	#-0.01
29) Chrysene-d12	21.125	240	7133	0.400	ng	0.00
35) Perylene-d12	23.306	264	7838	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.264	112	804	0.123	ng	0.02
5) Phenol-d6	6.918	99	577	0.071	ng	0.04
8) Nitrobenzene-d5	8.824	82	1997	0.282	ng	0.01
11) 2-Methylnaphthalene-d10	11.871	152	3606	0.251	ng	-0.03
14) 2,4,6-Tribromophenol	15.679	330	572	0.281	ng	-0.04
15) 2-Fluorobiphenyl	12.768	172	5524	0.312	ng	-0.02
27) Fluoranthene-d10	18.950	212	7556	0.316	ng	0.00
31) Terphenyl-d14	19.545	244	5739	0.393	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.090	88	105	0.033	ng	# 29
3) n-Nitrosodimethylamine	3.545	42	194	0.072	ng	# 1
6) bis(2-Chloroethyl)ether	7.033	93	196	0.029	ng	# 32
20) 4,6-Dinitro-2-methylph...	15.567	198	2	0.294	ng	# 1
25) Phenanthrene	16.957	178	1135	0.045	ng	98
28) Fluoranthene	18.983	202	1805	0.059	ng	98
30) Pyrene	19.350	202	1173	0.040	ng	95
32) Benzo(a)anthracene	21.169	228	1016	0.045	ng	# 47
33) Chrysene	21.169	228	1175	0.044	ng	# 52
34) Bis(2-ethylhexyl)phtha...	21.008	149	2384	0.191	ng	# 75
37) Benzo(b)fluoranthene	22.663	252	933	0.034	ng	# 1
38) Benzo(k)fluoranthene	22.663	252	933	0.030	ng	# 1

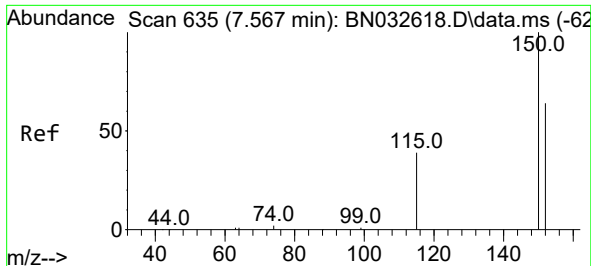
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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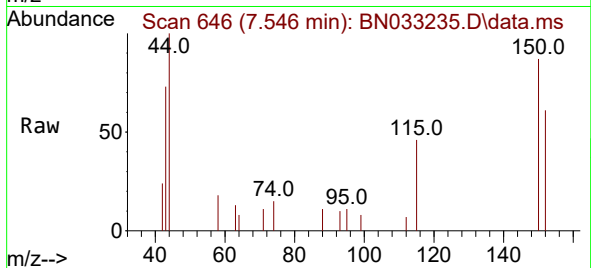
Quant Time: Aug 05 03:27:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
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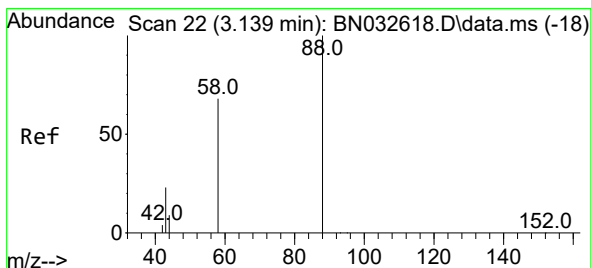
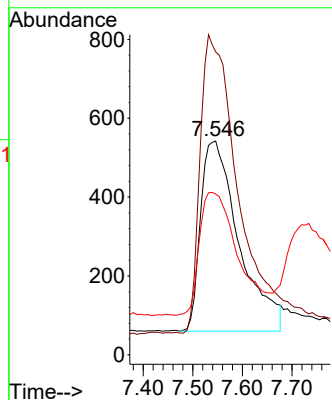
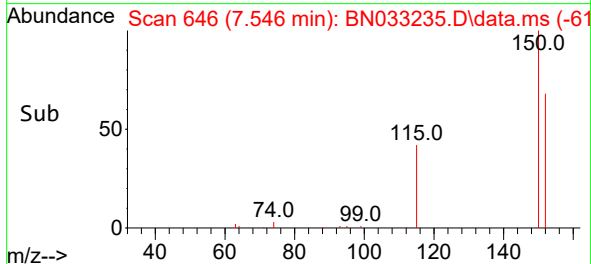


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.546 min Scan# 64
 Delta R.T. 0.043 min
 Lab File: BN033235.D
 Acq: 03 Aug 2024 12:48

Instrument :
 BNA_N
 ClientSampleId :
 921-J-WS-080124

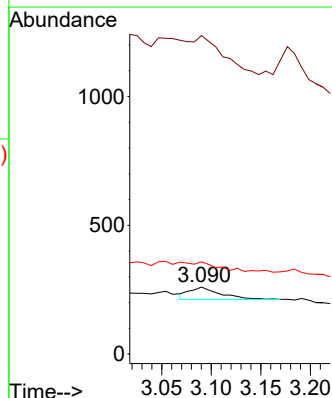
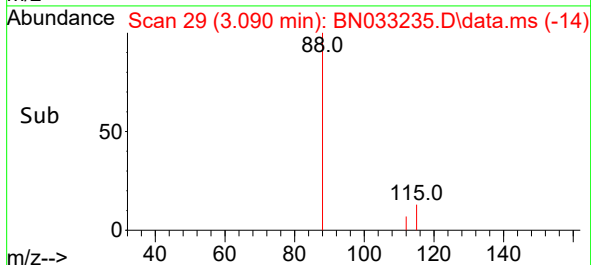
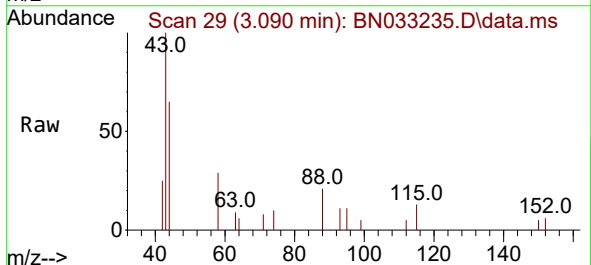


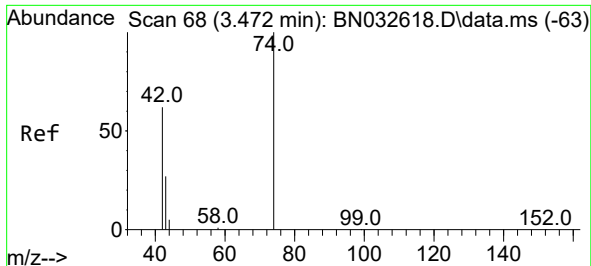
Tgt Ion:152 Resp: 2587
 Ion Ratio Lower Upper
 152 100
 150 141.7 123.8 185.6
 115 75.3 52.8 79.2



#2
 1,4-Dioxane
 Concen: 0.033 ng
 RT: 3.090 min Scan# 29
 Delta R.T. 0.007 min
 Lab File: BN033235.D
 Acq: 03 Aug 2024 12:48

Tgt Ion: 88 Resp: 105
 Ion Ratio Lower Upper
 88 100
 43 0.0 18.4 27.6#
 58 0.0 49.2 73.8#

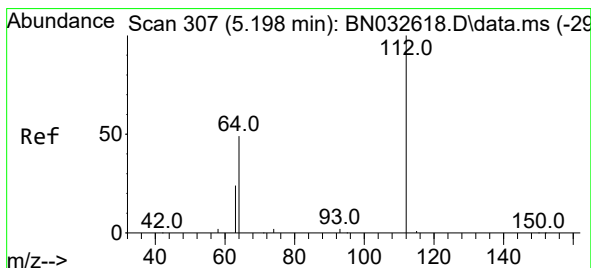
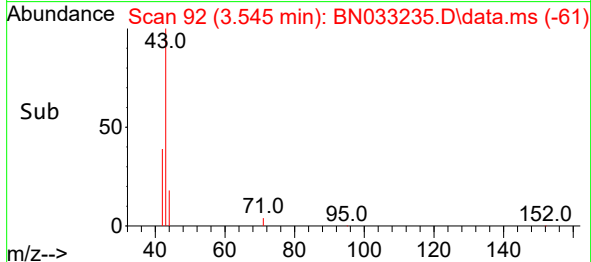
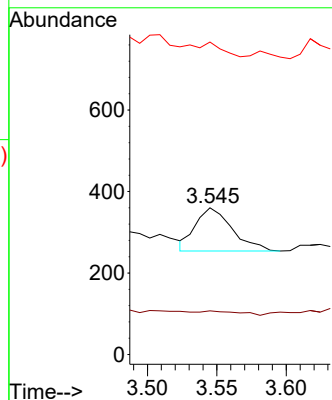
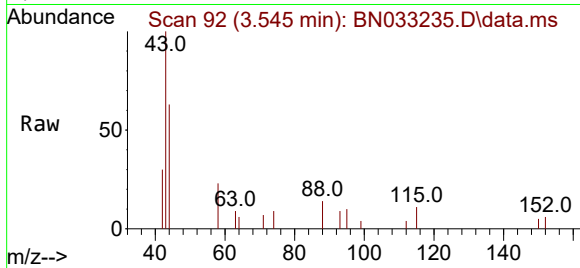




#3
n-Nitrosodimethylamine
Concen: 0.072 ng
RT: 3.545 min Scan# 91
Delta R.T. 0.072 min
Lab File: BN033235.D
Acq: 03 Aug 2024 12:48

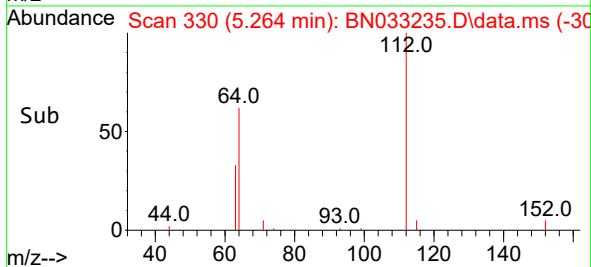
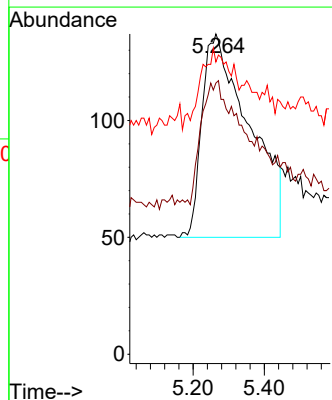
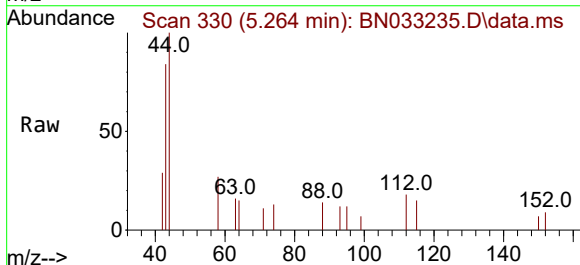
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ClientSampleId :
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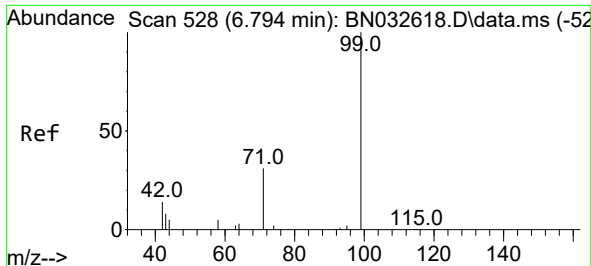
Tgt Ion: 42 Resp: 194
Ion Ratio Lower Upper
42 100
74 0.0 126.9 190.3#
44 0.0 4.8 7.2#



#4
2-Fluorophenol
Concen: 0.123 ng
RT: 5.264 min Scan# 330
Delta R.T. 0.022 min
Lab File: BN033235.D
Acq: 03 Aug 2024 12:48

Tgt Ion: 112 Resp: 804
Ion Ratio Lower Upper
112 100
64 56.2 40.2 60.4
63 26.1 22.2 33.4

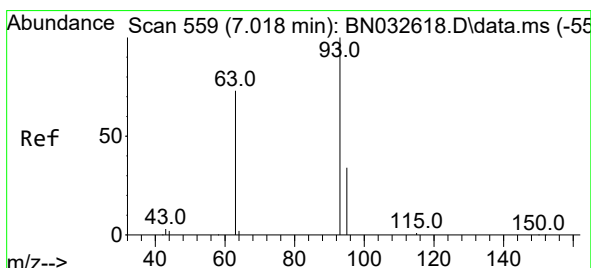
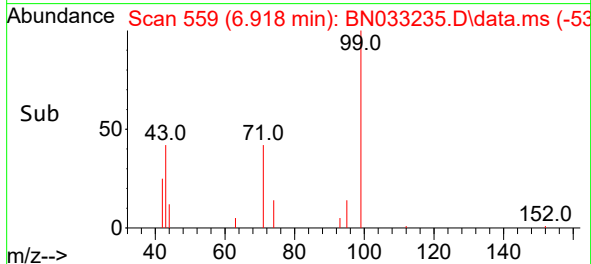
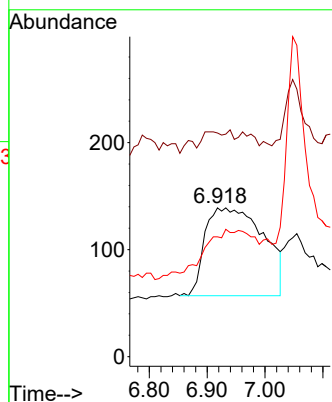
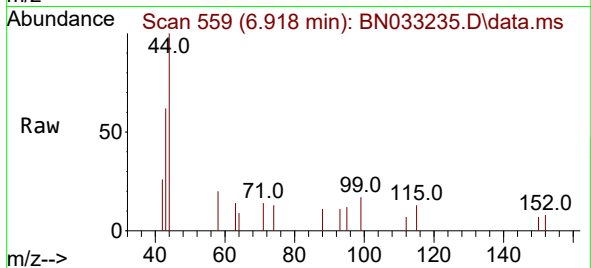




#5
Phenol-d6
Concen: 0.071 ng
RT: 6.918 min Scan# 511
Delta R.T. 0.036 min
Lab File: BN033235.D
Acq: 03 Aug 2024 12:48

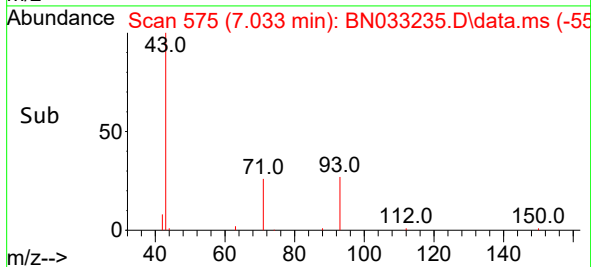
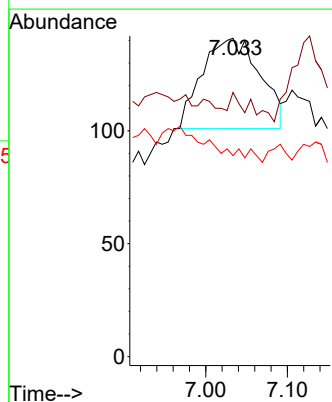
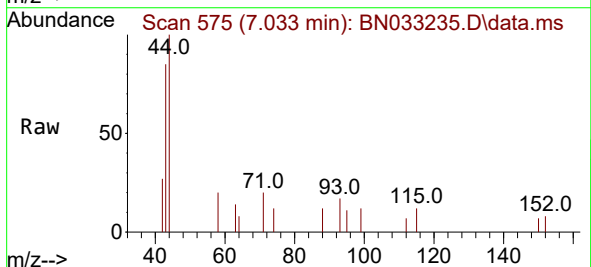
Instrument :
BNA_N
ClientSampleId :
921-J-WS-080124

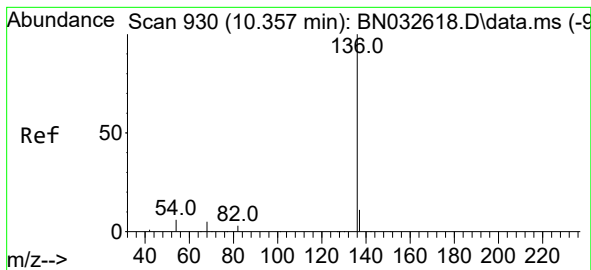
Tgt Ion: 99 Resp: 577
Ion Ratio Lower Upper
99 100
42 0.0 10.5 15.7#
71 31.2 22.3 33.5



#6
bis(2-Chloroethyl)ether
Concen: 0.029 ng
RT: 7.033 min Scan# 575
Delta R.T. 0.022 min
Lab File: BN033235.D
Acq: 03 Aug 2024 12:48

Tgt Ion: 93 Resp: 196
Ion Ratio Lower Upper
93 100
63 3.1 46.4 69.6#
95 0.0 25.5 38.3#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.276 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN033235.D

Acq: 03 Aug 2024 12:48

Instrument :

BNA_N

ClientSampleId :

921-J-WS-080124

Tgt Ion:136 Resp: 9391

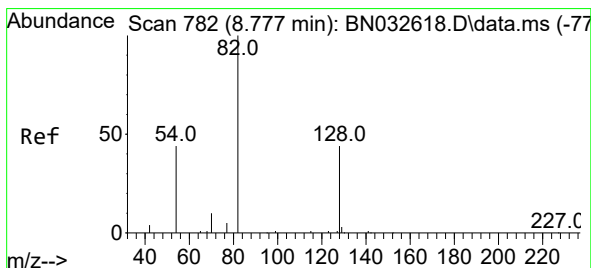
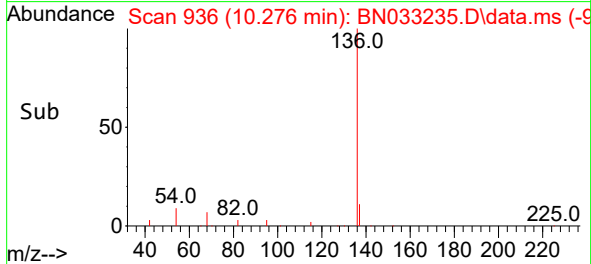
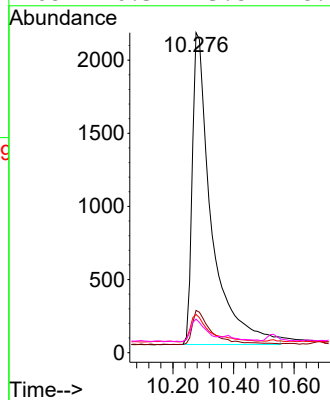
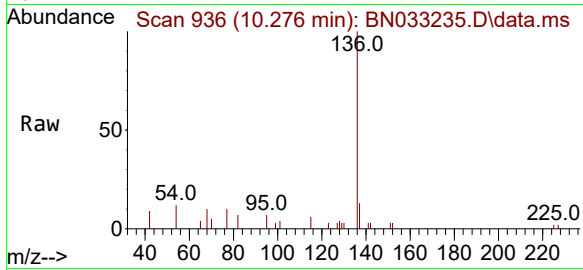
Ion Ratio Lower Upper

136 100

137 13.2 9.9 14.9

54 11.9 6.5 9.7#

68 10.5 5.8 8.8#



#8

Nitrobenzene-d5

Concen: 0.282 ng

RT: 8.824 min Scan# 800

Delta R.T. 0.011 min

Lab File: BN033235.D

Acq: 03 Aug 2024 12:48

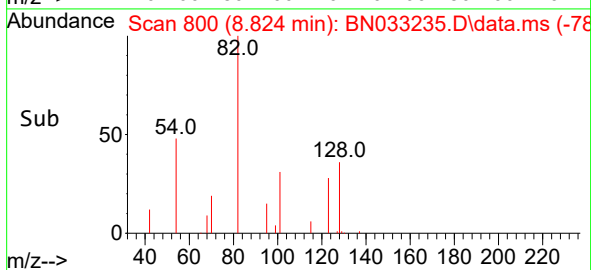
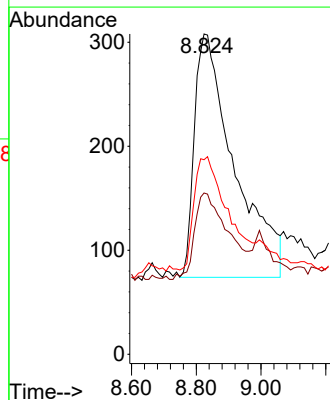
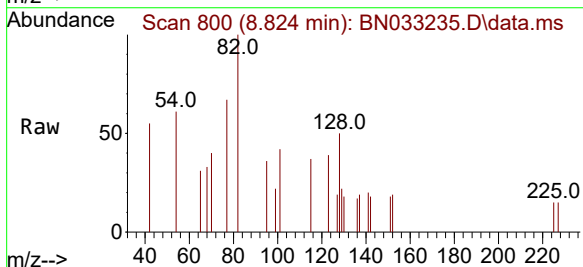
Tgt Ion: 82 Resp: 1997

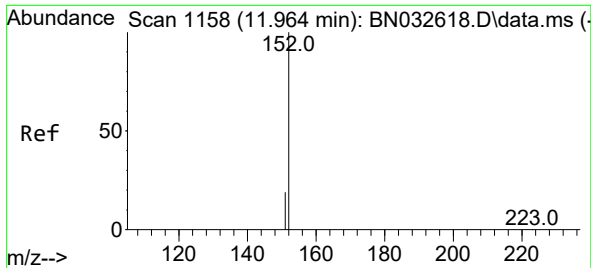
Ion Ratio Lower Upper

82 100

128 50.3 41.7 62.5

54 60.7 39.5 59.3#

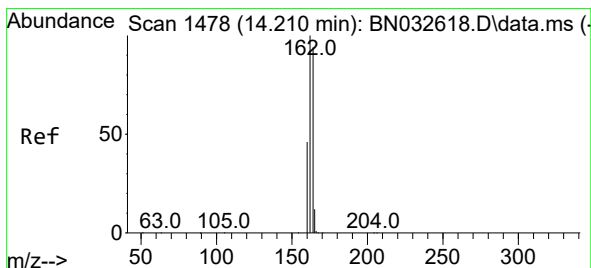
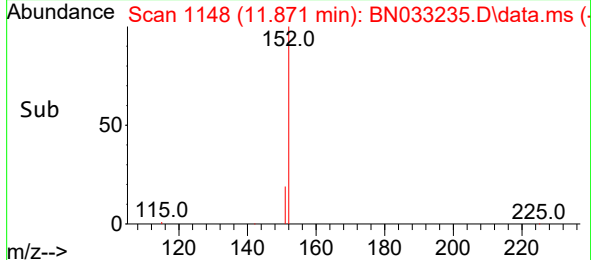
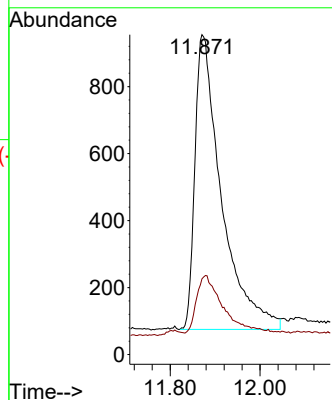
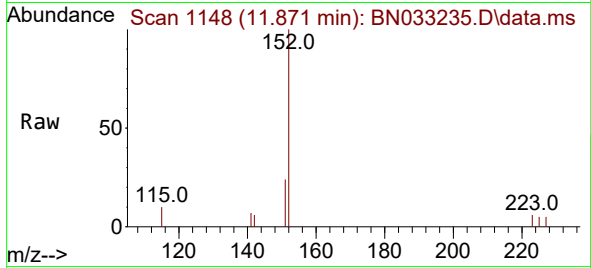




#11
2-Methylnaphthalene-d10
Concen: 0.251 ng
RT: 11.871 min Scan# 1158
Delta R.T. -0.030 min
Lab File: BN033235.D
Acq: 03 Aug 2024 12:48

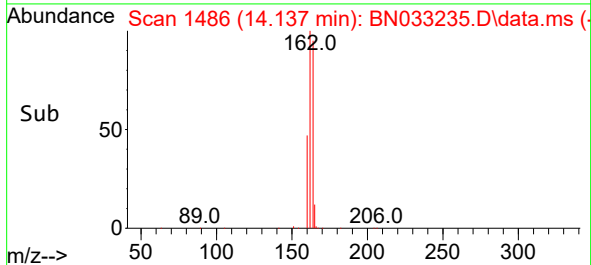
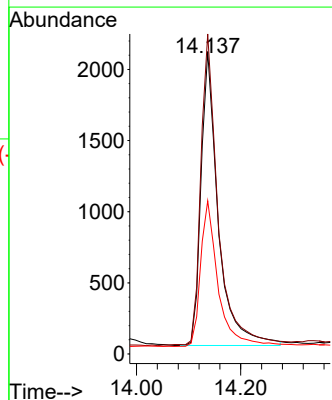
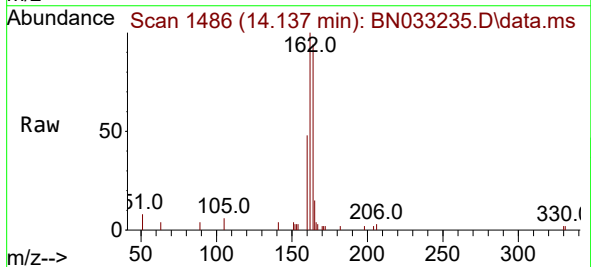
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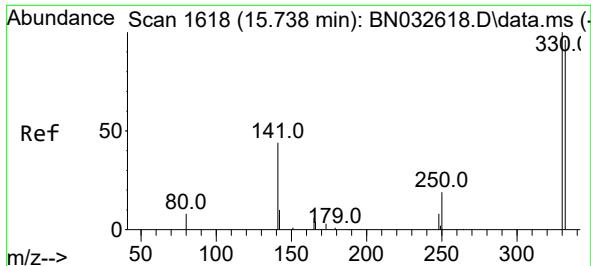
Tgt Ion:152 Resp: 3606
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.137 min Scan# 1486
Delta R.T. 0.000 min
Lab File: BN033235.D
Acq: 03 Aug 2024 12:48

Tgt Ion:164 Resp: 4760
Ion Ratio Lower Upper
164 100
162 105.8 85.0 127.4
160 50.6 39.4 59.2

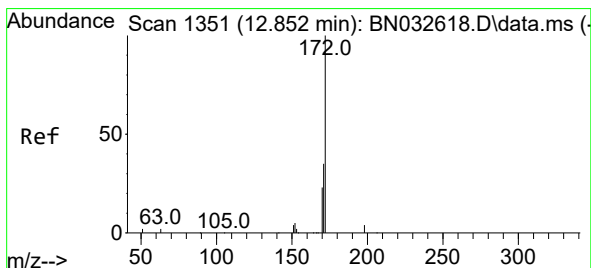
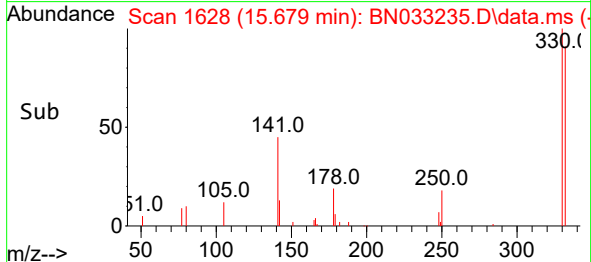
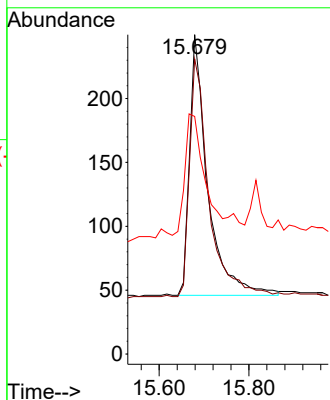
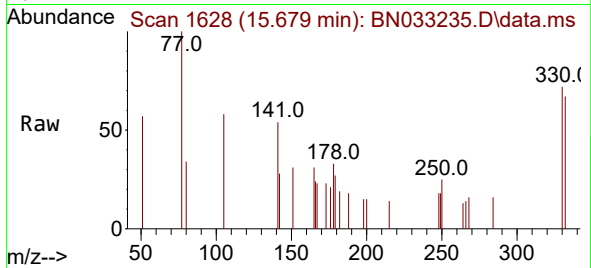




#14
2,4,6-Tribromophenol
Concen: 0.281 ng
RT: 15.679 min Scan# 1
Delta R.T. -0.037 min
Lab File: BN033235.D
Acq: 03 Aug 2024 12:48

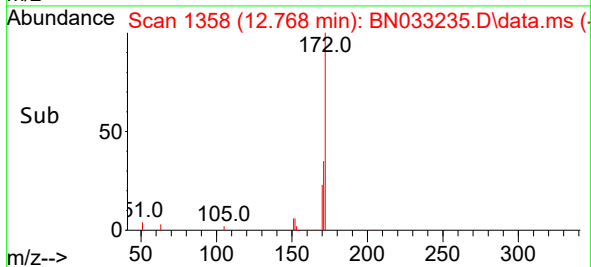
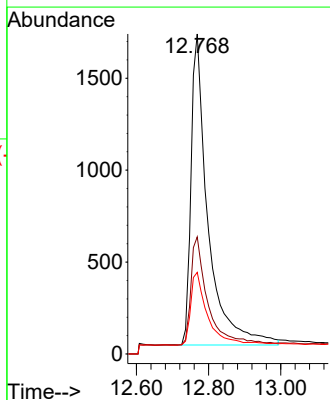
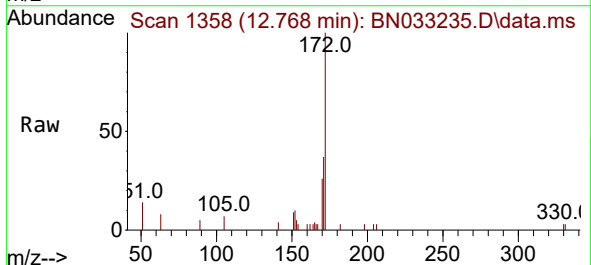
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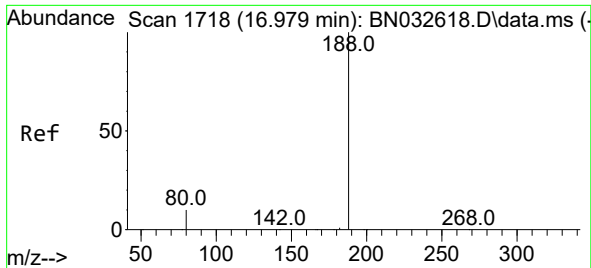
Tgt Ion:330 Resp: 572
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.8
141 51.2 34.2 51.2



#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 12.768 min Scan# 1358
Delta R.T. -0.021 min
Lab File: BN033235.D
Acq: 03 Aug 2024 12:48

Tgt Ion:172 Resp: 5524
Ion Ratio Lower Upper
172 100
171 36.6 28.6 43.0
170 25.5 19.0 28.6

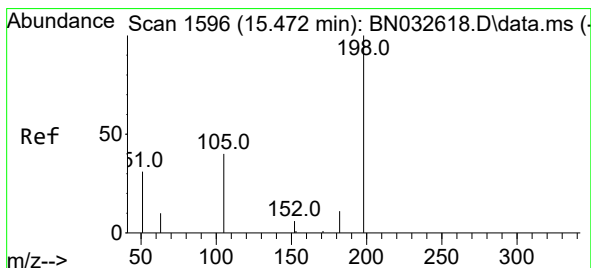
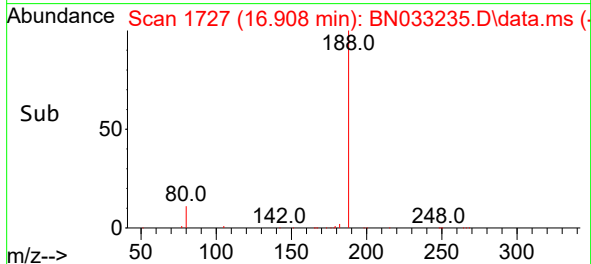
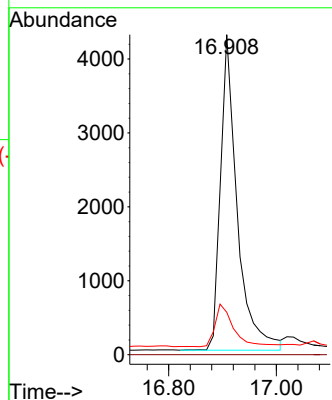
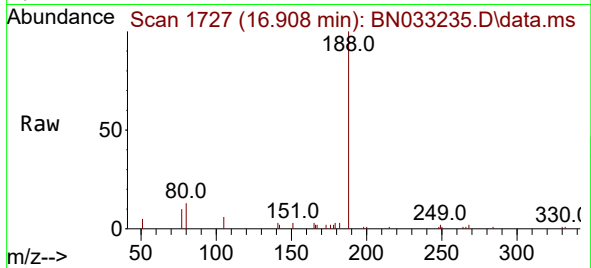




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.908 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN033235.D
Acq: 03 Aug 2024 12:48

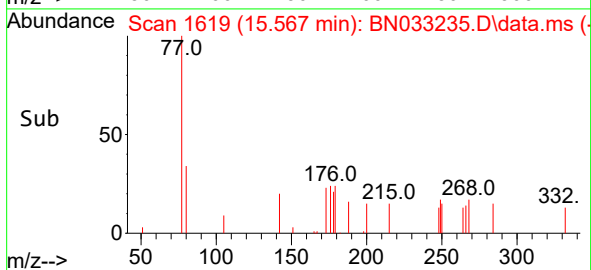
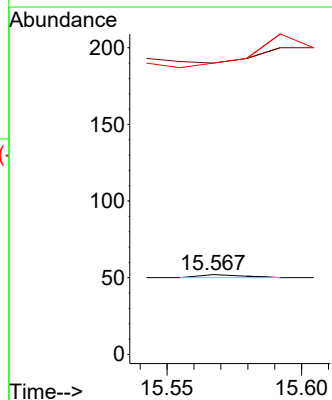
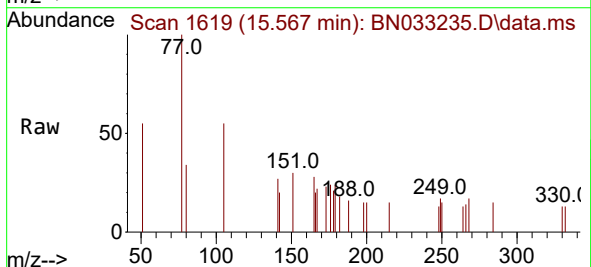
Instrument :
BNA_N
ClientSampleId :
921-J-WS-080124

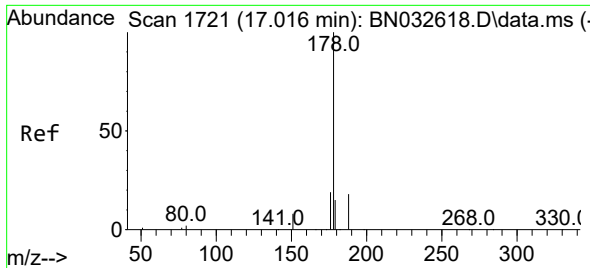
Tgt Ion:188 Resp: 9238
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.3 8.8 13.2#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.294 ng
RT: 15.567 min Scan# 1619
Delta R.T. 0.013 min
Lab File: BN033235.D
Acq: 03 Aug 2024 12:48

Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 365.4 105.7 158.5#
105 365.4 63.0 94.6#

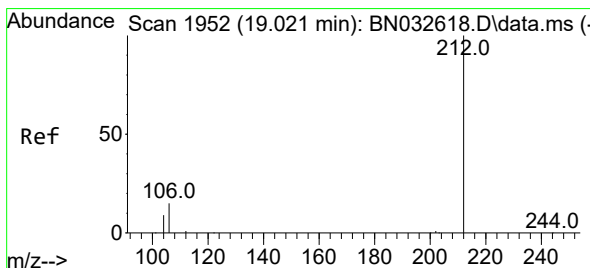
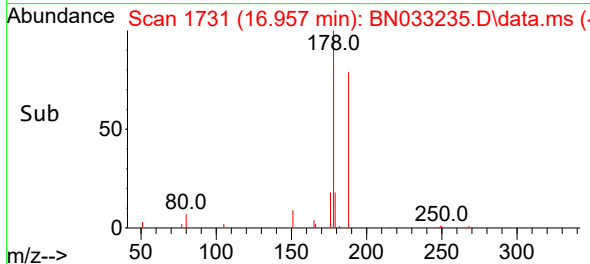
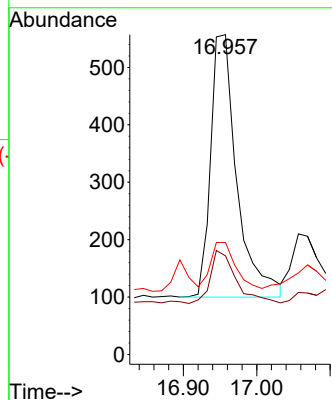
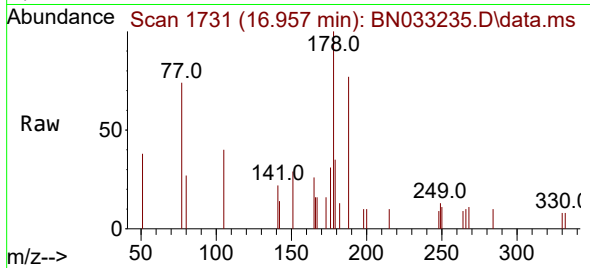




#25
Phenanthrene
Concen: 0.045 ng
RT: 16.957 min Scan# 1721
Delta R.T. -0.012 min
Lab File: BN033235.D
Acq: 03 Aug 2024 12:48

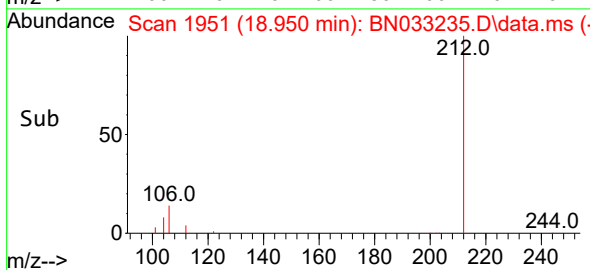
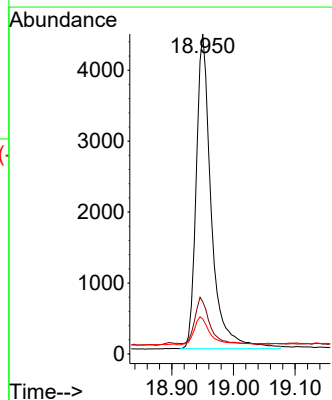
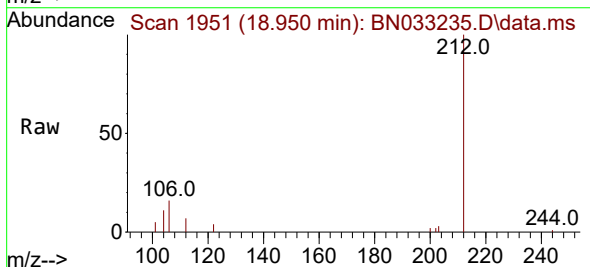
Instrument :
BNA_N
ClientSampleId :
921-J-WS-080124

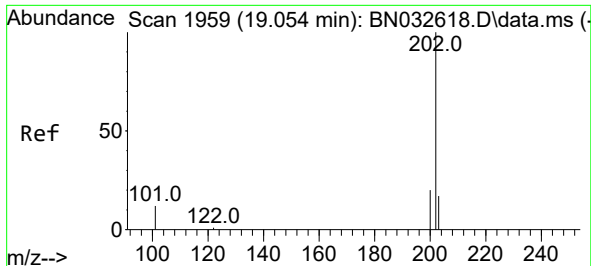
Tgt Ion:178 Resp: 1135
Ion Ratio Lower Upper
178 100
176 19.6 15.1 22.7
179 16.1 12.2 18.4



#27
Fluoranthene-d10
Concen: 0.316 ng
RT: 18.950 min Scan# 1951
Delta R.T. -0.009 min
Lab File: BN033235.D
Acq: 03 Aug 2024 12:48

Tgt Ion:212 Resp: 7556
Ion Ratio Lower Upper
212 100
106 14.7 11.9 17.9
104 9.7 6.9 10.3

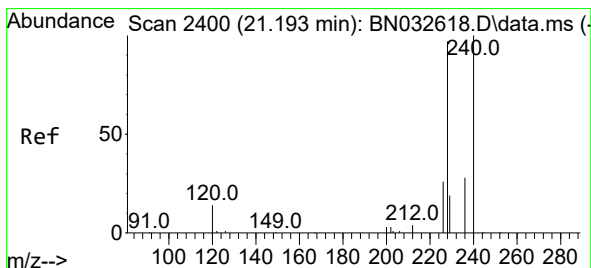
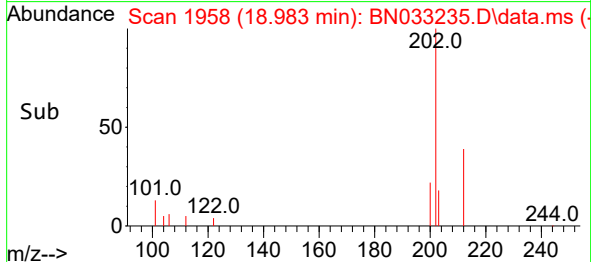
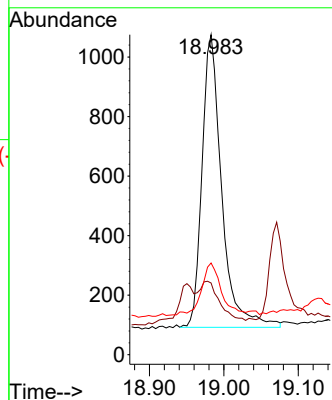
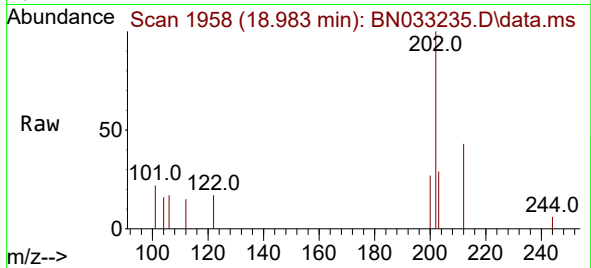




#28
Fluoranthene
Concen: 0.059 ng
RT: 18.983 min Scan# 1958
Delta R.T. -0.009 min
Lab File: BN033235.D
Acq: 03 Aug 2024 12:48

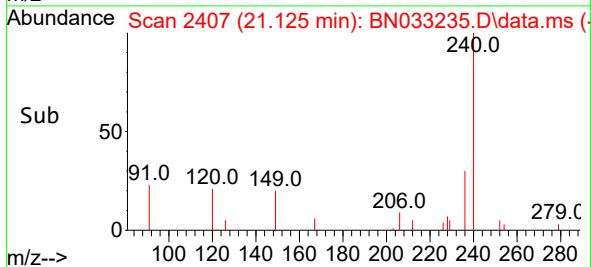
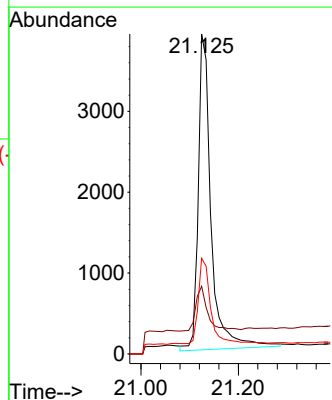
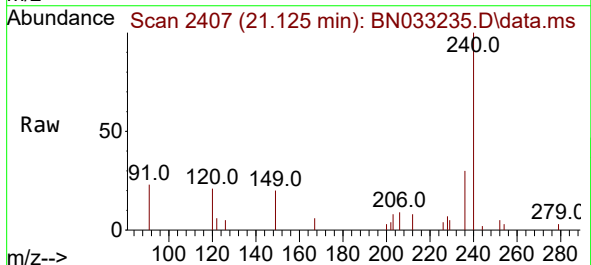
Instrument :
BNA_N
ClientSampleId :
921-J-WS-080124

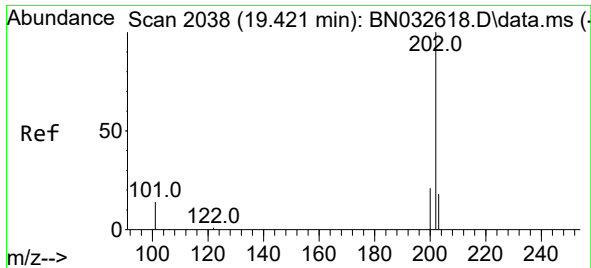
Tgt Ion:202 Resp: 1805
Ion Ratio Lower Upper
202 100
101 12.6 9.6 14.4
203 18.2 13.8 20.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.125 min Scan# 2407
Delta R.T. -0.009 min
Lab File: BN033235.D
Acq: 03 Aug 2024 12:48

Tgt Ion:240 Resp: 7133
Ion Ratio Lower Upper
240 100
120 21.2 14.8 22.2
236 29.9 23.3 34.9

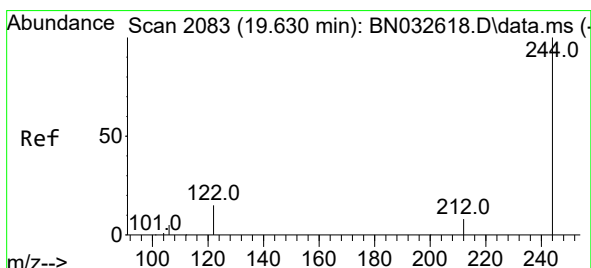
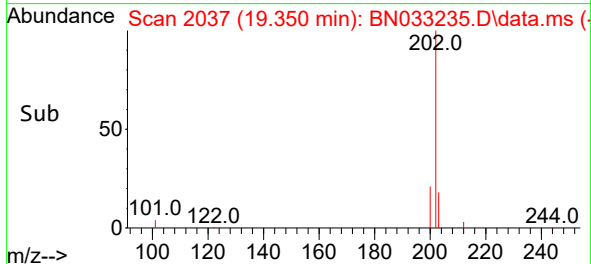
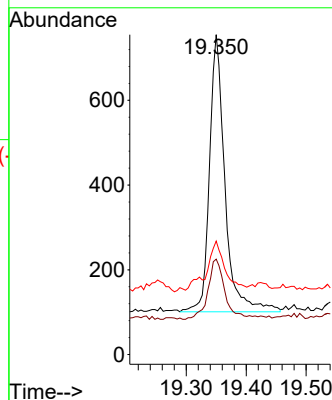
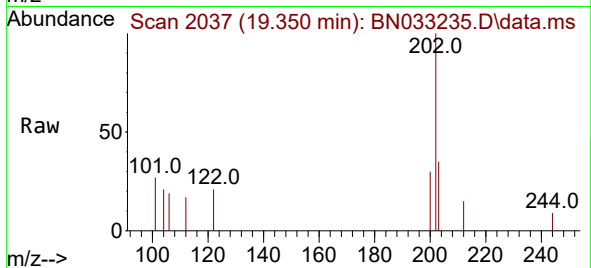




#30
Pyrene
Concen: 0.040 ng
RT: 19.350 min Scan# 2079
Delta R.T. -0.009 min
Lab File: BN033235.D
Acq: 03 Aug 2024 12:48

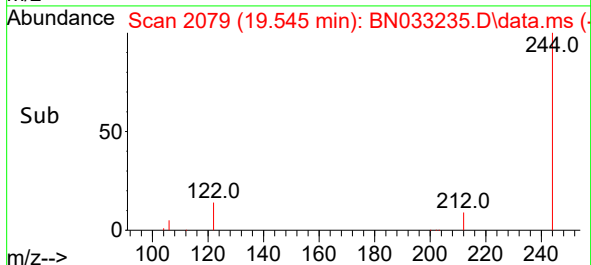
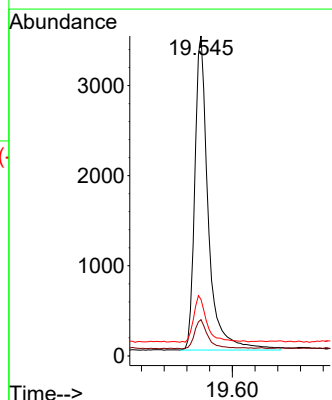
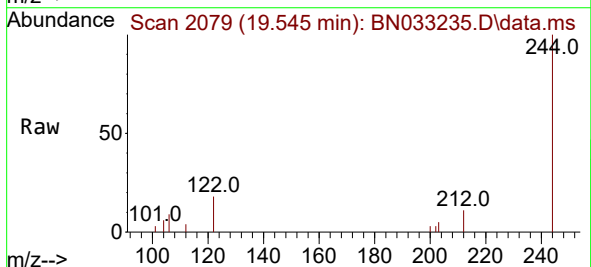
Instrument :
BNA_N
ClientSampleId :
921-J-WS-080124

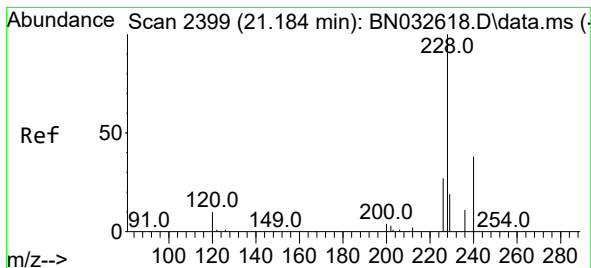
Tgt Ion:202 Resp: 1173
Ion Ratio Lower Upper
202 100
200 23.5 16.6 25.0
203 20.5 14.8 22.2



#31
Terphenyl-d14
Concen: 0.393 ng
RT: 19.545 min Scan# 2079
Delta R.T. -0.018 min
Lab File: BN033235.D
Acq: 03 Aug 2024 12:48

Tgt Ion:244 Resp: 5739
Ion Ratio Lower Upper
244 100
212 11.3 7.5 11.3#
122 17.7 12.6 19.0





#32

Benzo(a)anthracene

Concen: 0.045 ng

RT: 21.169 min Scan# 2412

Delta R.T. 0.045 min

Lab File: BN033235.D

Acq: 03 Aug 2024 12:48

Instrument :

BNA_N

ClientSampleId :

921-J-WS-080124

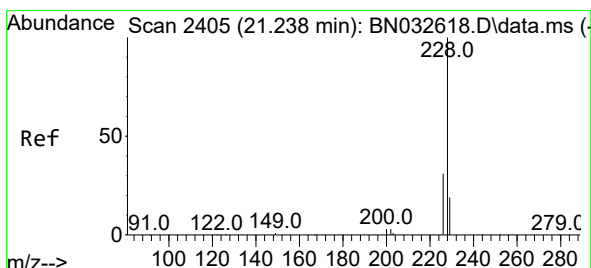
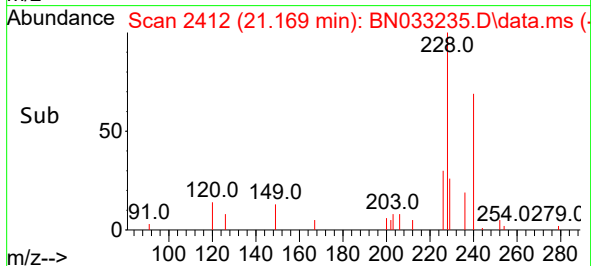
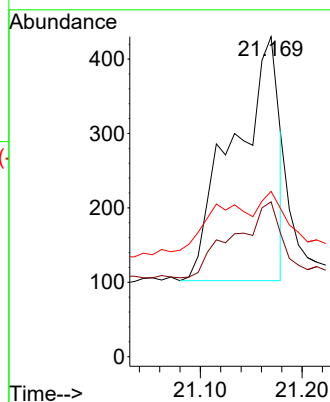
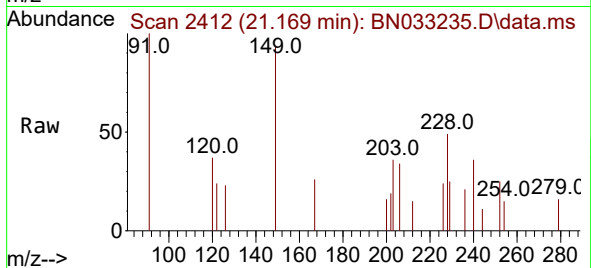
Tgt Ion:228 Resp: 1016

Ion Ratio Lower Upper

228 100

226 48.4 21.8 32.6#

229 51.6 16.0 24.0#



#33

Chrysene

Concen: 0.044 ng

RT: 21.169 min Scan# 2412

Delta R.T. 0.000 min

Lab File: BN033235.D

Acq: 03 Aug 2024 12:48

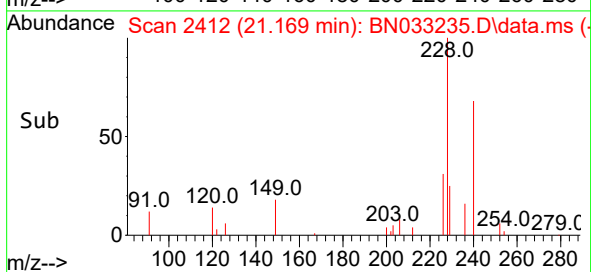
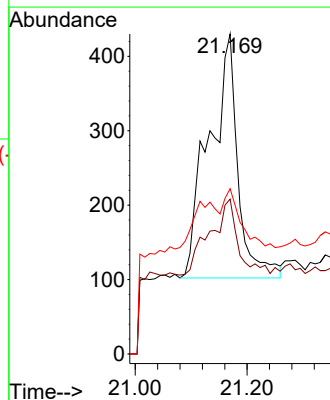
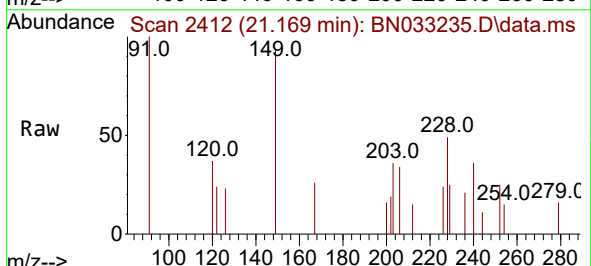
Tgt Ion:228 Resp: 1175

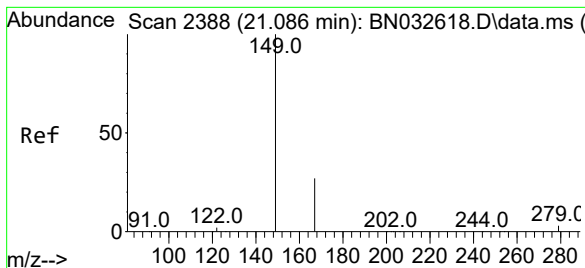
Ion Ratio Lower Upper

228 100

226 48.4 24.2 36.2#

229 51.6 16.0 24.0#

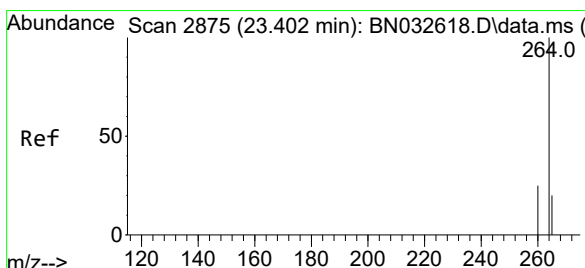
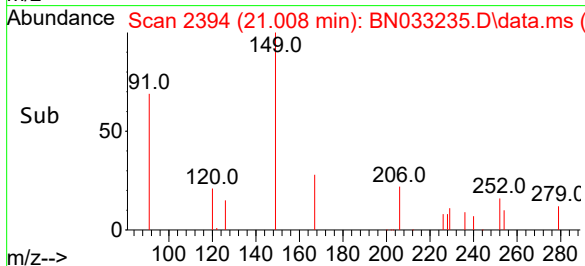
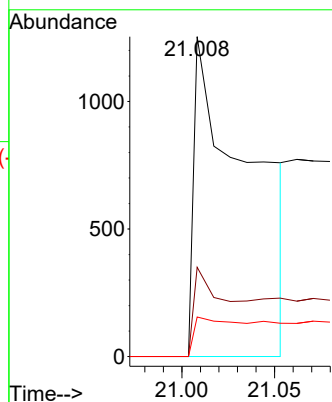
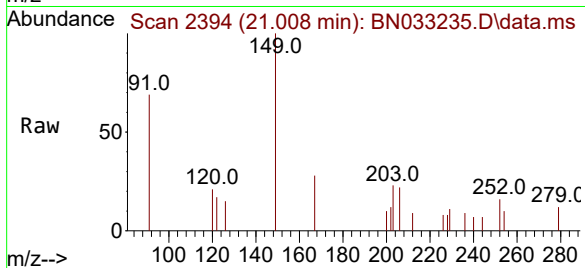




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.191 ng
RT: 21.008 min Scan# 21008
Delta R.T. 0.000 min
Lab File: BN033235.D
Acq: 03 Aug 2024 12:48

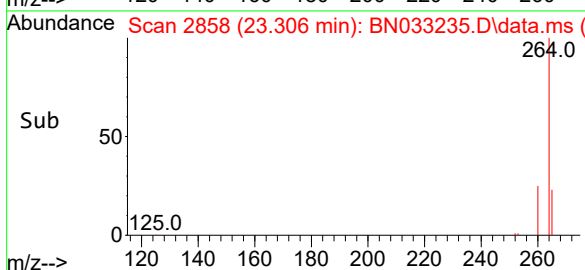
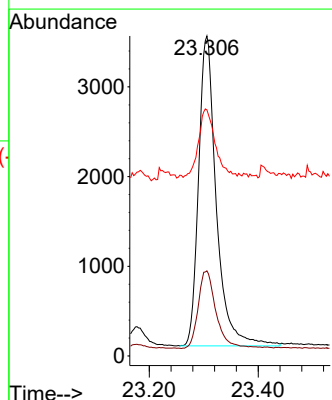
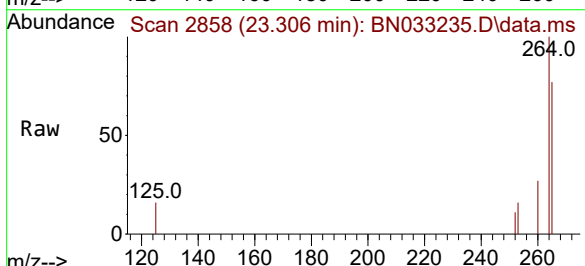
Instrument :
BNA_N
ClientSampleId :
921-J-WS-080124

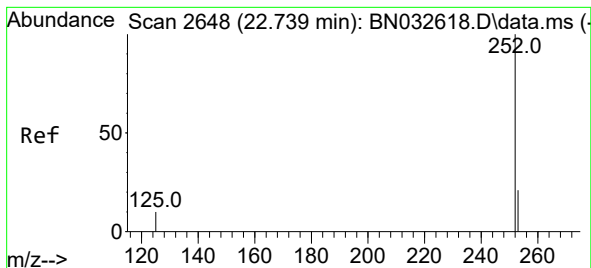
Tgt Ion:149 Resp: 2384
Ion Ratio Lower Upper
149 100
167 13.7 21.4 32.2#
279 10.2 2.8 4.2#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.306 min Scan# 2858
Delta R.T. -0.009 min
Lab File: BN033235.D
Acq: 03 Aug 2024 12:48

Tgt Ion:264 Resp: 7838
Ion Ratio Lower Upper
264 100
260 26.6 20.9 31.3
265 76.9 85.4 128.2#





#37

Benzo(b)fluoranthene

Concen: 0.034 ng

RT: 22.663 min Scan# 2638

Delta R.T. 0.003 min

Lab File: BN033235.D

Acq: 03 Aug 2024 12:48

Instrument :

BNA_N

ClientSampleId :

921-J-WS-080124

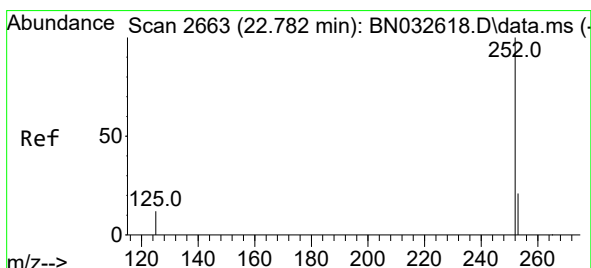
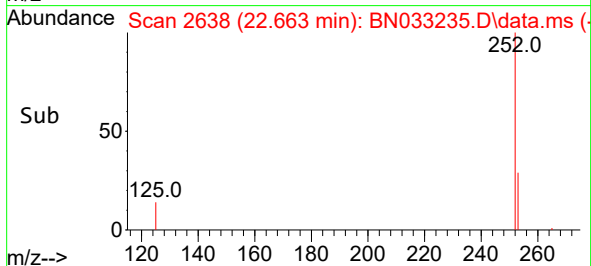
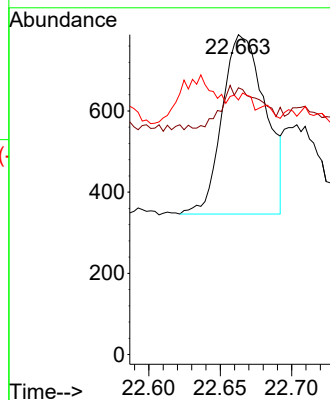
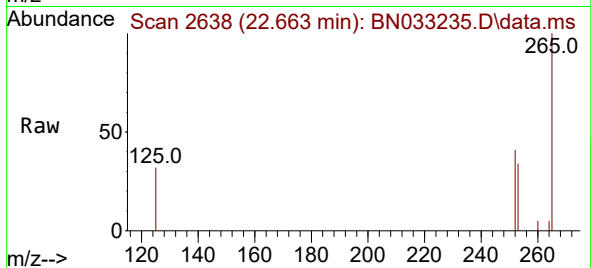
Tgt Ion:252 Resp: 933

Ion Ratio Lower Upper

252 100

253 83.4 22.3 33.5#

125 79.6 15.4 23.2#



#38

Benzo(k)fluoranthene

Concen: 0.030 ng

RT: 22.663 min Scan# 2638

Delta R.T. -0.041 min

Lab File: BN033235.D

Acq: 03 Aug 2024 12:48

Tgt Ion:252 Resp: 933

Ion Ratio Lower Upper

252 100

253 83.4 22.6 34.0#

125 79.6 16.2 24.4#

