

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112024\
 Data File : BN035215.D
 Acq On : 21 Nov 2024 02:37
 Operator : RC/JU
 Sample : P4868-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP201-20241114

Quant Time: Nov 21 03:05:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 20 23:40:20 2024
 Response via : Initial Calibration

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

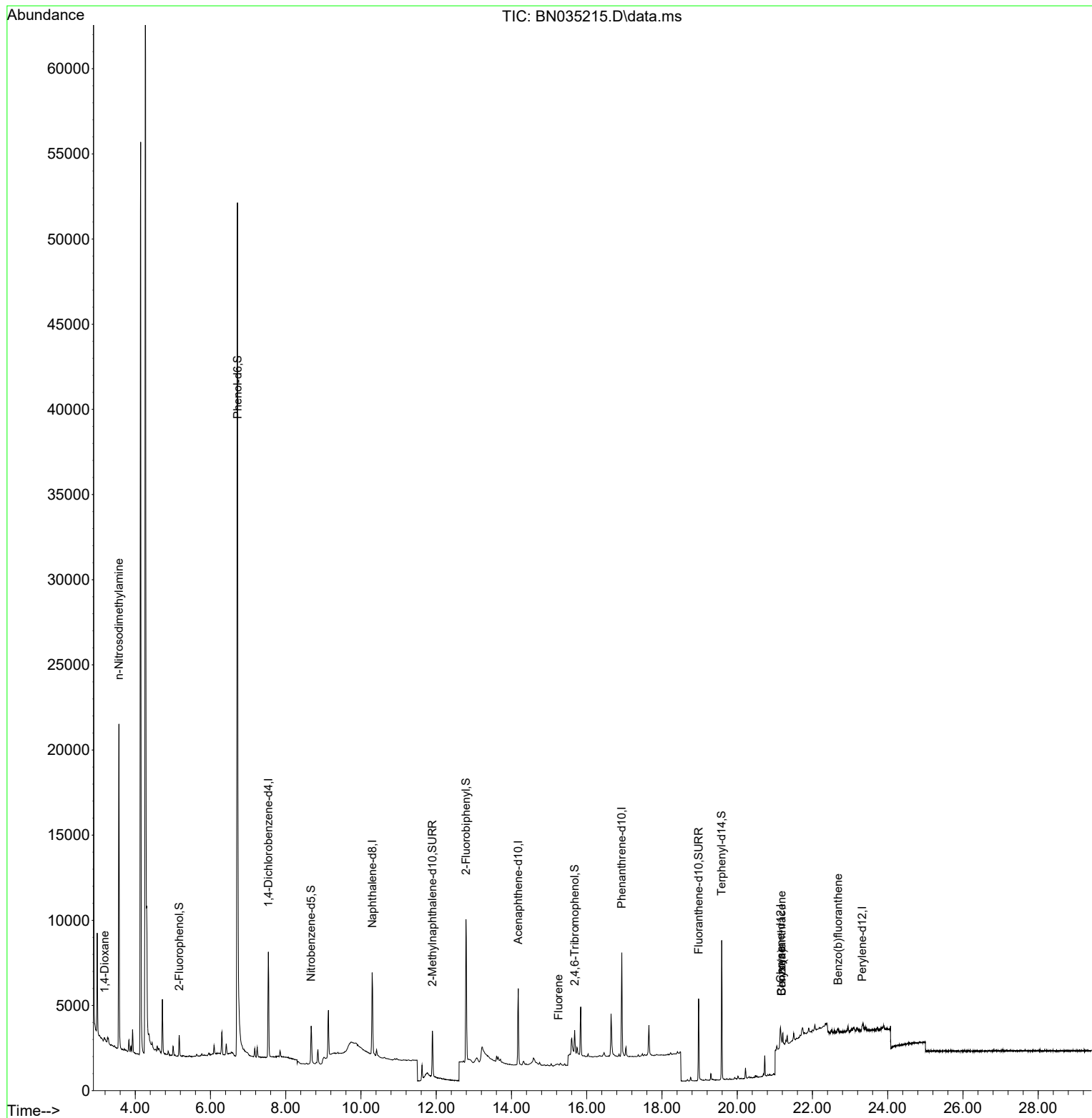
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.539	152	2985	0.400	ng	0.00
7) Naphthalene-d8	10.298	136	6800	0.400	ng	# 0.00
13) Acenaphthene-d10	14.179	164	2509	0.400	ng	0.00
19) Phenanthrene-d10	16.933	188	8217	0.400	ng	# 0.00
29) Chrysene-d12	21.151	240	1355	0.400	ng	# 0.00
35) Perylene-d12	23.320	264	327	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.170	112	980	0.129	ng	0.00
5) Phenol-d6	6.723	99	1359	0.143	ng	0.00
8) Nitrobenzene-d5	8.675	82	2136	0.361	ng	0.00
11) 2-Methylnaphthalene-d10	11.901	152	3820	0.315	ng	0.00
14) 2,4,6-Tribromophenol	15.679	330	850	0.470	ng	0.00
15) 2-Fluorobiphenyl	12.790	172	8110	0.796	ng	0.00
27) Fluoranthene-d10	18.973	212	5721	0.227	ng	0.00
31) Terphenyl-d14	19.587	244	8309	2.922	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.184	88	340	0.125	ng	# 78
3) n-Nitrosodimethylamine	3.567	42	969	0.384	ng	# 1
18) Fluorene	15.249	166	221	0.021	ng	# 38
32) Benzo(a)anthracene	21.178	228	118	0.025	ng	# 1
33) Chrysene	21.178	228	118	0.025	ng	# 1
37) Benzo(b)fluoranthene	22.677	252	60	0.055	ng	# 1

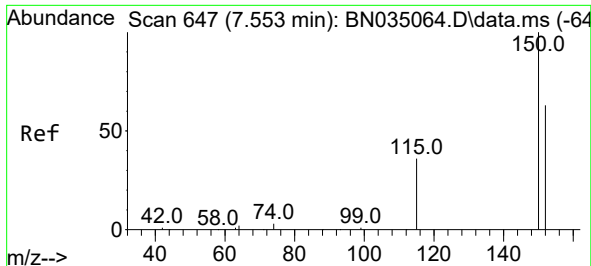
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RW5-SP201-20241114

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
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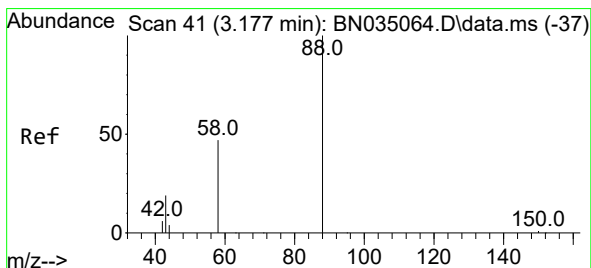
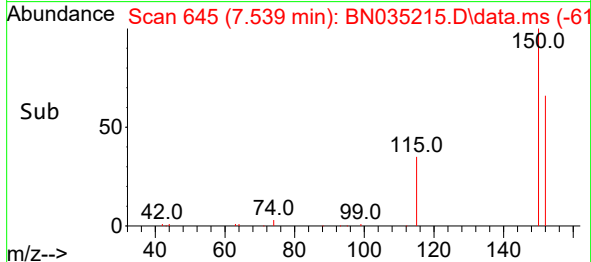
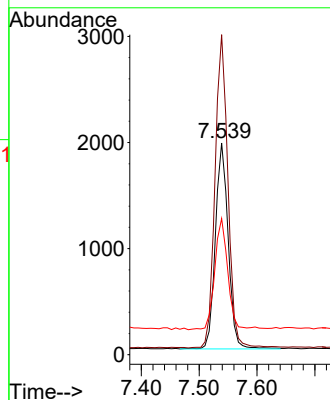
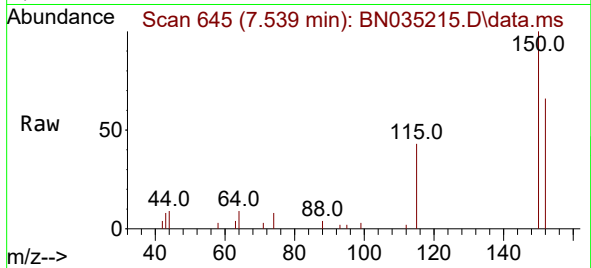




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.539 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BN035215.D
 Acq: 21 Nov 2024 02:37

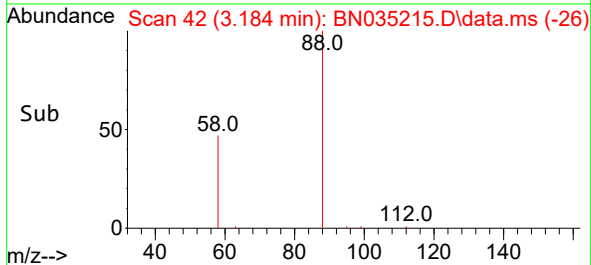
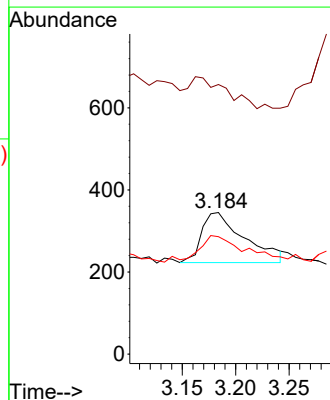
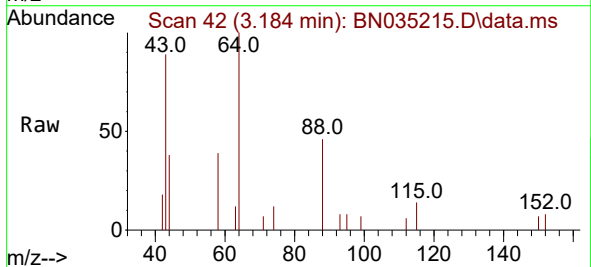
Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP201-20241114

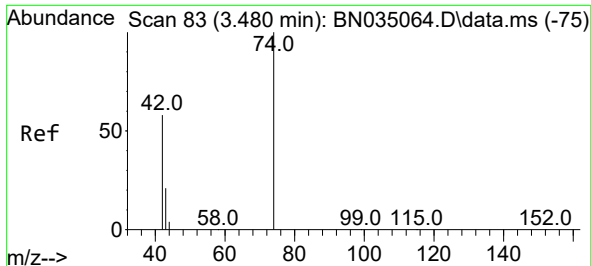
Tgt Ion:152 Resp: 2985
 Ion Ratio Lower Upper
 152 100
 150 151.1 124.5 186.7
 115 64.3 47.8 71.6



#2
 1,4-Dioxane
 Concen: 0.125 ng
 RT: 3.184 min Scan# 42
 Delta R.T. 0.014 min
 Lab File: BN035215.D
 Acq: 21 Nov 2024 02:37

Tgt Ion: 88 Resp: 340
 Ion Ratio Lower Upper
 88 100
 43 0.0 16.9 25.3#
 58 57.1 39.0 58.4

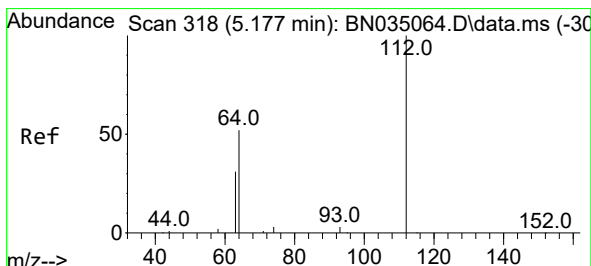
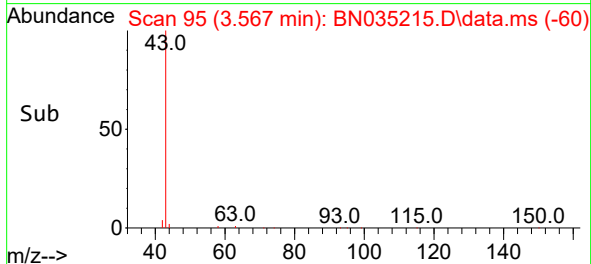
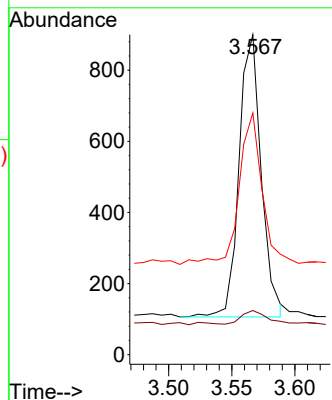
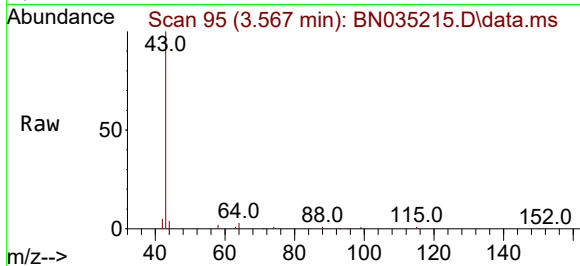




#3
n-Nitrosodimethylamine
Concen: 0.384 ng
RT: 3.567 min Scan# 91
Delta R.T. 0.101 min
Lab File: BN035215.D
Acq: 21 Nov 2024 02:37

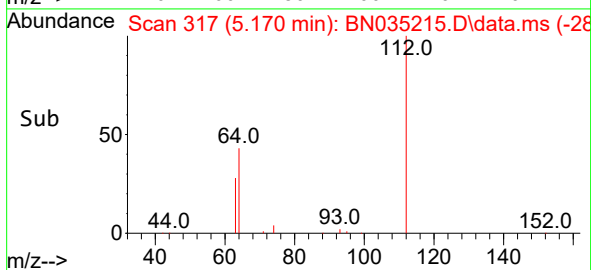
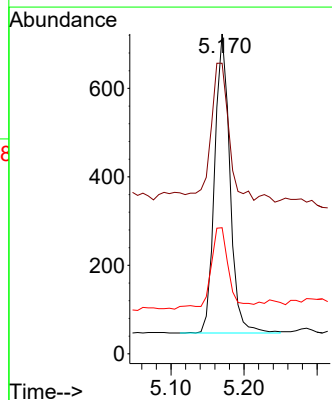
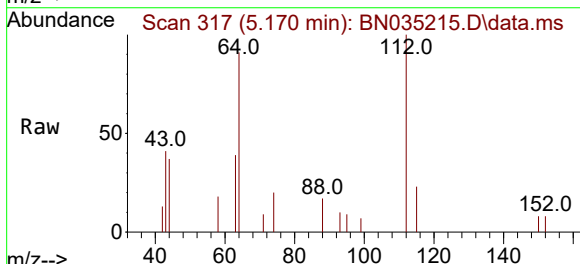
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20241114

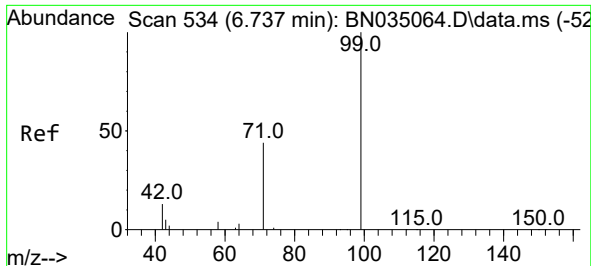
Tgt Ion: 42 Resp: 969
Ion Ratio Lower Upper
42 100
74 5.3 120.8 181.2#
44 54.9 2.9 4.3#



#4
2-Fluorophenol
Concen: 0.129 ng
RT: 5.170 min Scan# 317
Delta R.T. 0.000 min
Lab File: BN035215.D
Acq: 21 Nov 2024 02:37

Tgt Ion: 112 Resp: 980
Ion Ratio Lower Upper
112 100
64 52.3 39.7 59.5
63 32.1 23.0 34.4

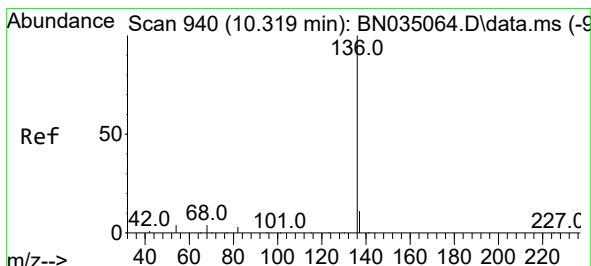
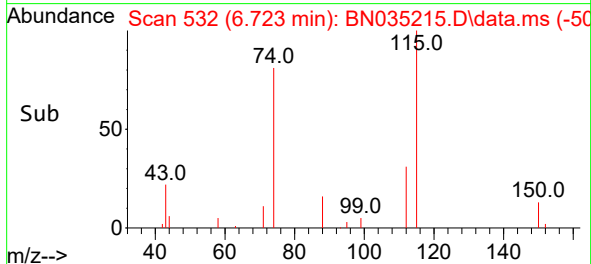
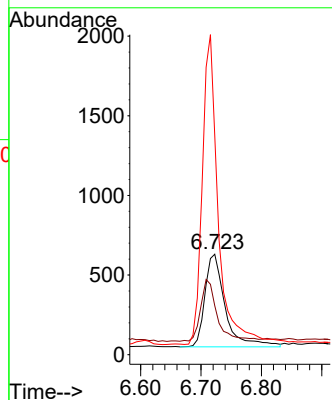
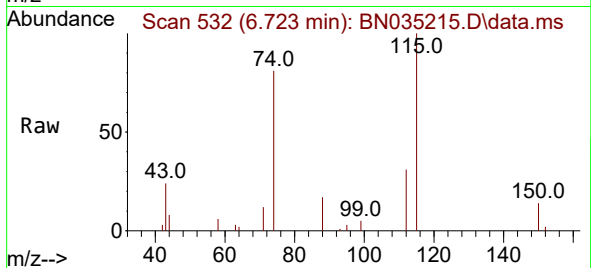




#5
Phenol-d6
Concen: 0.143 ng
RT: 6.723 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN035215.D
Acq: 21 Nov 2024 02:37

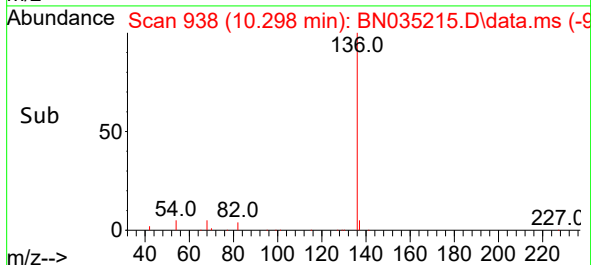
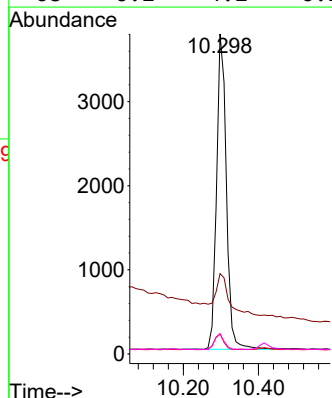
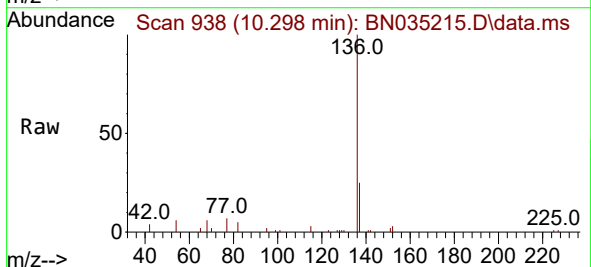
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20241114

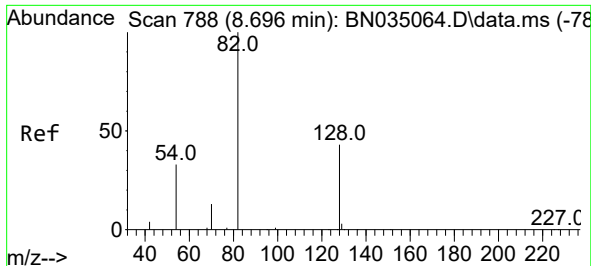
Tgt Ion: 99 Resp: 1359
Ion Ratio Lower Upper
99 100
42 55.3 11.4 17.0#
71 266.3 34.6 51.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.298 min Scan# 938
Delta R.T. 0.000 min
Lab File: BN035215.D
Acq: 21 Nov 2024 02:37

Tgt Ion: 136 Resp: 6800
Ion Ratio Lower Upper
136 100
137 25.1 9.8 14.8#
54 6.4 4.0 6.0#
68 6.2 4.2 6.2

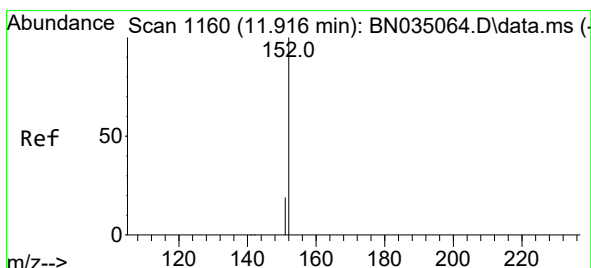
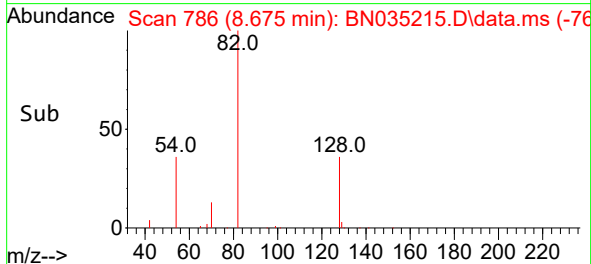
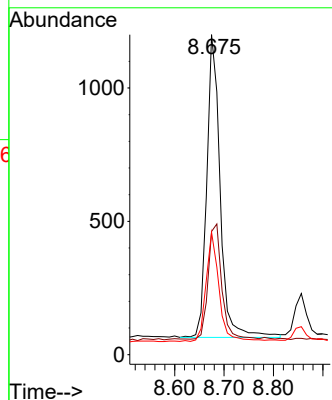
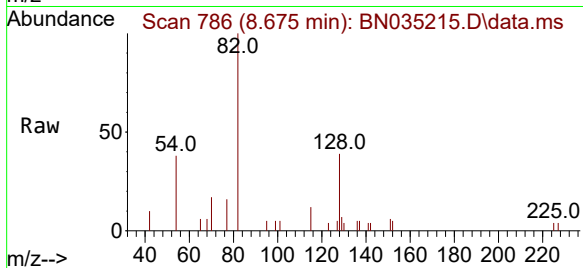




#8
Nitrobenzene-d5
Concen: 0.361 ng
RT: 8.675 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN035215.D
Acq: 21 Nov 2024 02:37

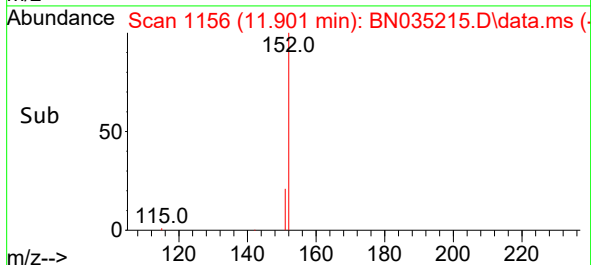
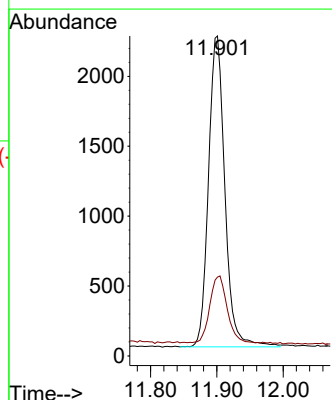
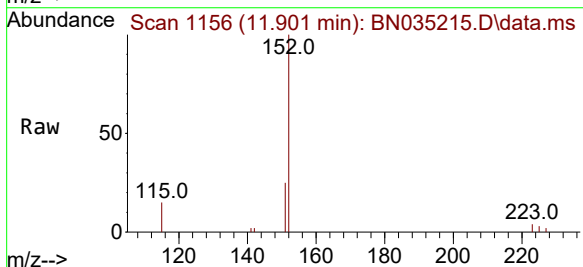
Instrument :
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ClientSampleId :
RW5-SP201-20241114

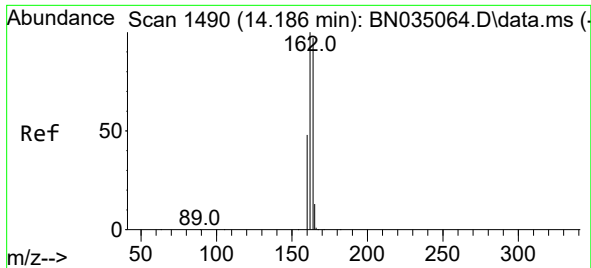
Tgt Ion: 82 Resp: 2136
Ion Ratio Lower Upper
82 100
128 38.5 36.5 54.7
54 38.3 28.7 43.1



#11
2-Methylnaphthalene-d10
Concen: 0.315 ng
RT: 11.901 min Scan# 1156
Delta R.T. 0.004 min
Lab File: BN035215.D
Acq: 21 Nov 2024 02:37

Tgt Ion: 152 Resp: 3820
Ion Ratio Lower Upper
152 100
151 22.9 16.2 24.4

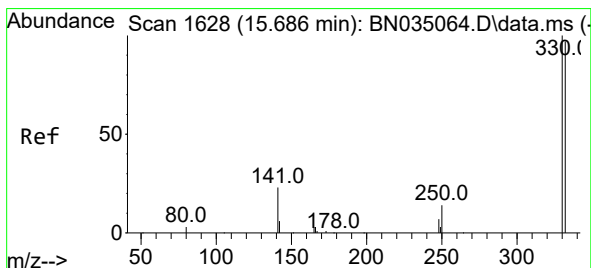
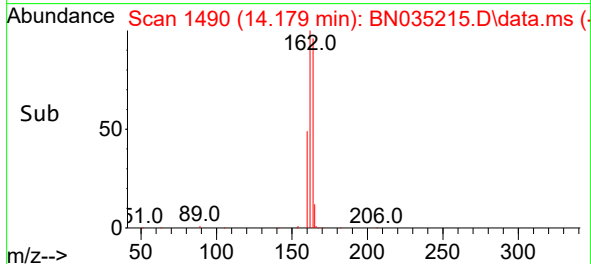
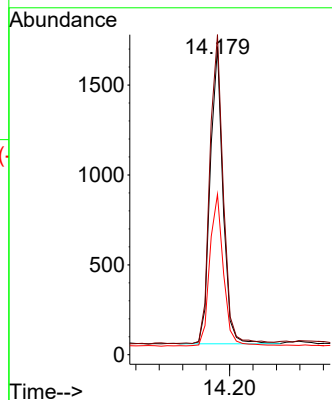
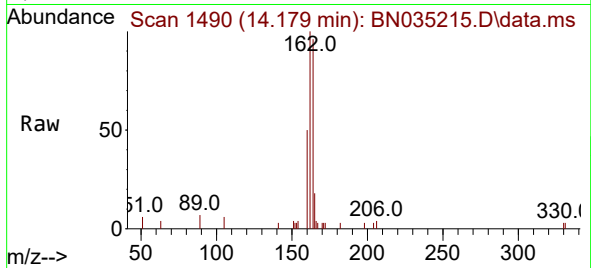




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.179 min Scan# 1490
Delta R.T. 0.004 min
Lab File: BN035215.D
Acq: 21 Nov 2024 02:37

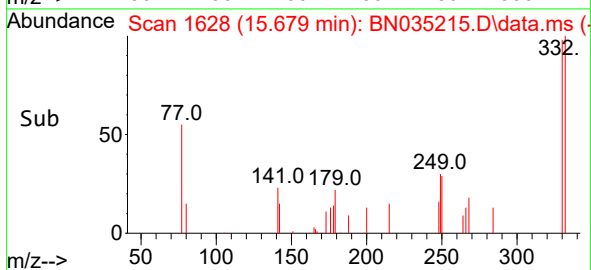
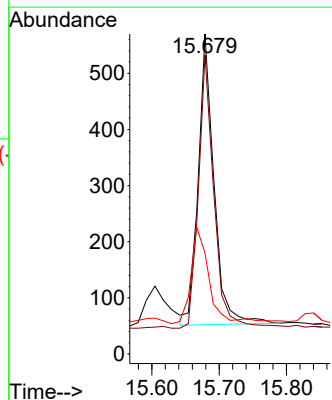
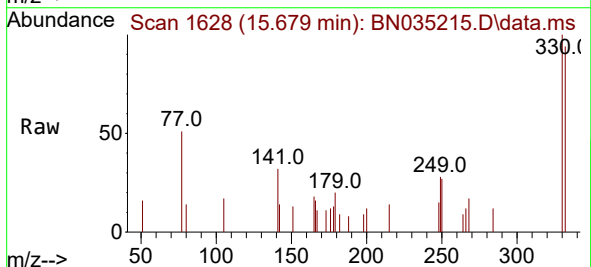
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20241114

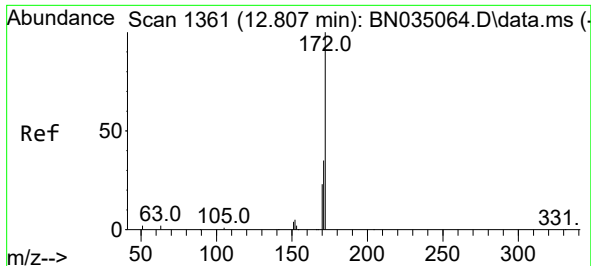
Tgt Ion:164 Resp: 2509
Ion Ratio Lower Upper
164 100
162 103.9 82.2 123.2
160 52.1 40.2 60.4



#14
2,4,6-Tribromophenol
Concen: 0.470 ng
RT: 15.679 min Scan# 1628
Delta R.T. 0.006 min
Lab File: BN035215.D
Acq: 21 Nov 2024 02:37

Tgt Ion:330 Resp: 850
Ion Ratio Lower Upper
330 100
332 93.2 76.9 115.3
141 36.2 29.6 44.4

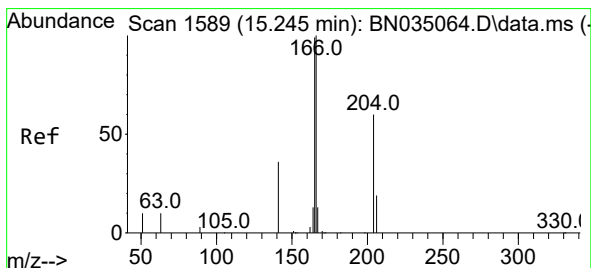
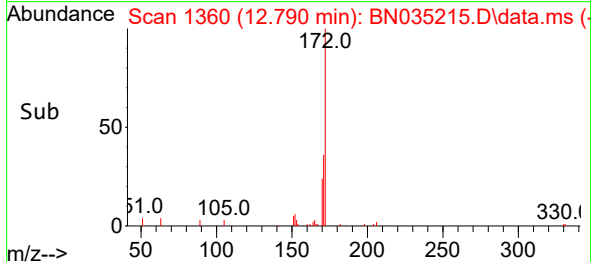
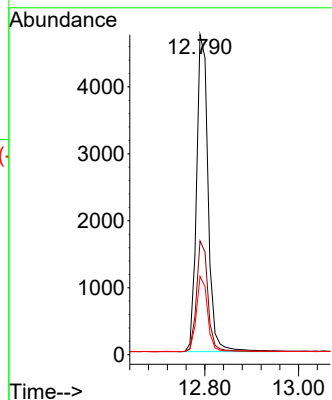
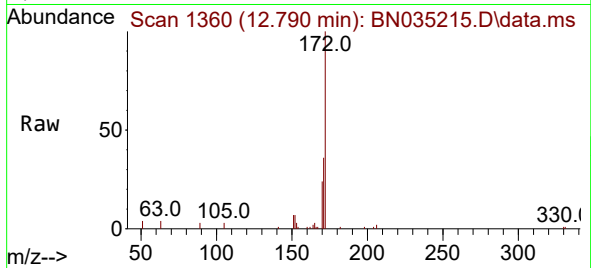




#15
2-Fluorobiphenyl
Concen: 0.796 ng
RT: 12.790 min Scan# 1360
Delta R.T. -0.007 min
Lab File: BN035215.D
Acq: 21 Nov 2024 02:37

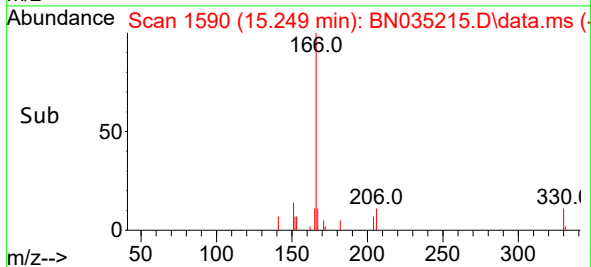
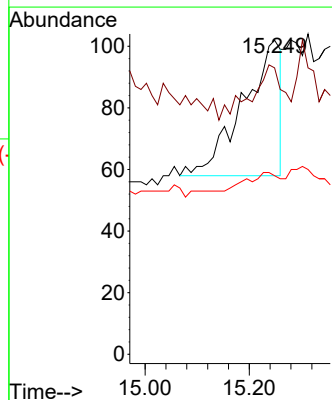
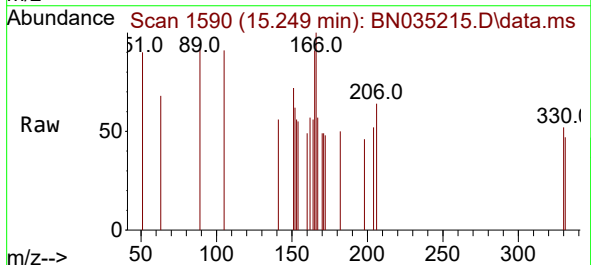
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20241114

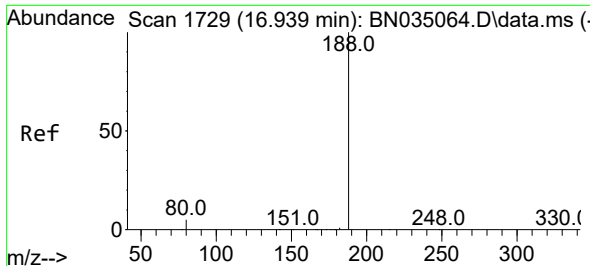
Tgt Ion:172 Resp: 8110
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.4
170 24.4 19.0 28.6



#18
Fluorene
Concen: 0.021 ng
RT: 15.249 min Scan# 1590
Delta R.T. 0.014 min
Lab File: BN035215.D
Acq: 21 Nov 2024 02:37

Tgt Ion:166 Resp: 221
Ion Ratio Lower Upper
166 100
165 33.9 79.1 118.7#
167 0.0 10.6 16.0#

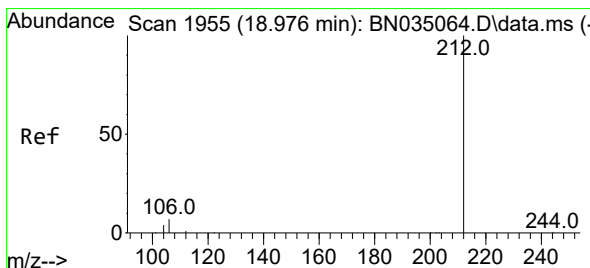
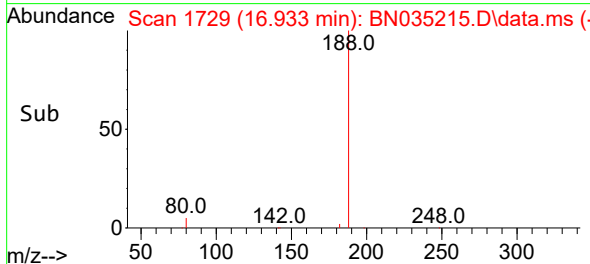
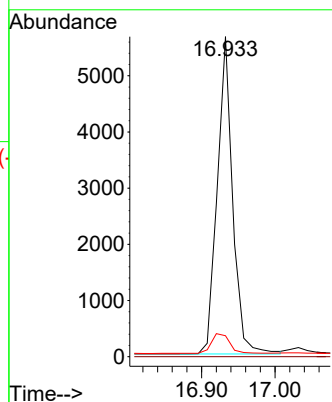
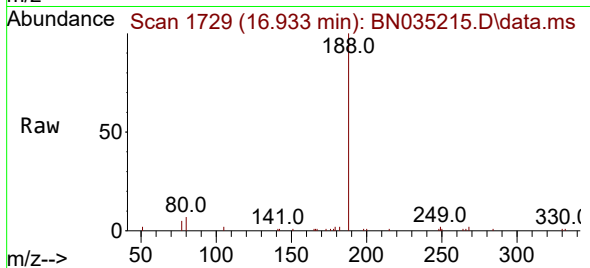




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.933 min Scan# 1729
Delta R.T. 0.006 min
Lab File: BN035215.D
Acq: 21 Nov 2024 02:37

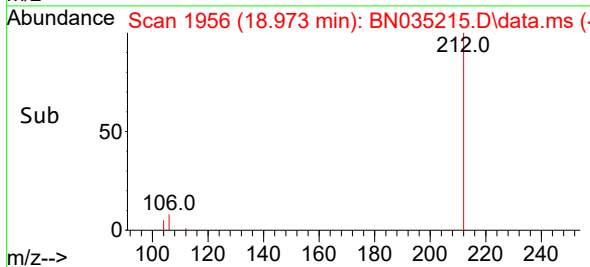
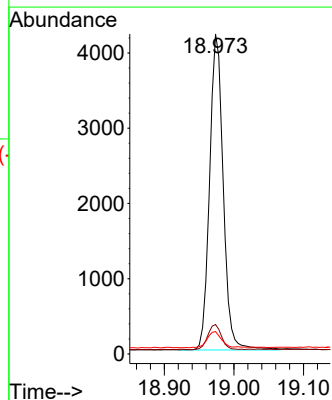
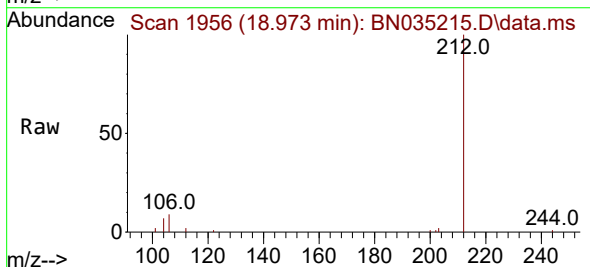
Instrument :
BNA_N
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RW5-SP201-20241114

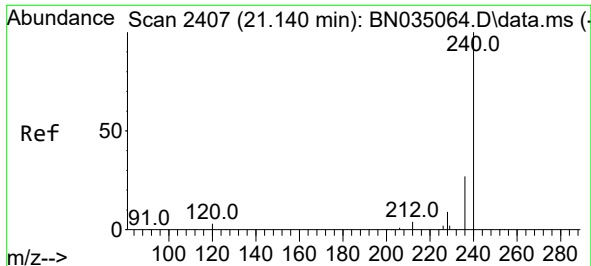
Tgt Ion:188 Resp: 8217
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.5 4.3 6.5#



#27
Fluoranthene-d10
Concen: 0.227 ng
RT: 18.973 min Scan# 1956
Delta R.T. -0.002 min
Lab File: BN035215.D
Acq: 21 Nov 2024 02:37

Tgt Ion:212 Resp: 5721
Ion Ratio Lower Upper
212 100
106 8.0 6.0 9.0
104 5.2 3.5 5.3

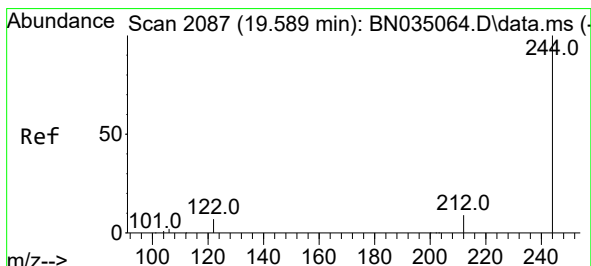
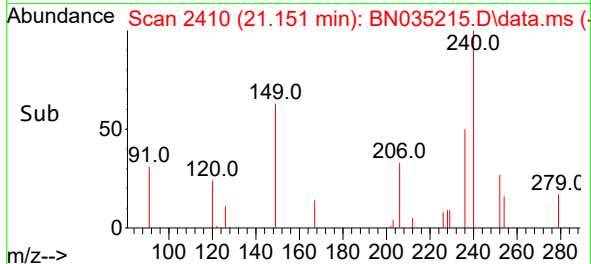
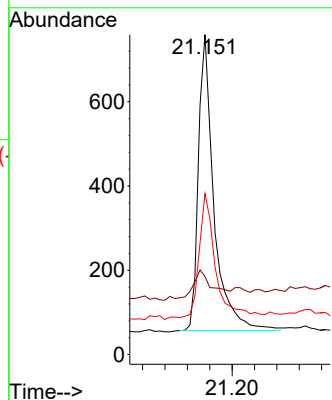
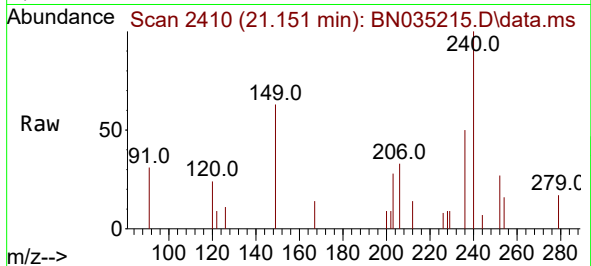




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.151 min Scan# 2407
Delta R.T. 0.002 min
Lab File: BN035215.D
Acq: 21 Nov 2024 02:37

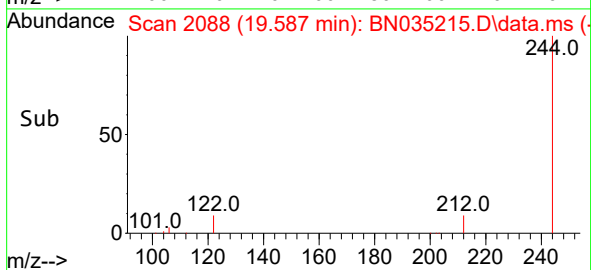
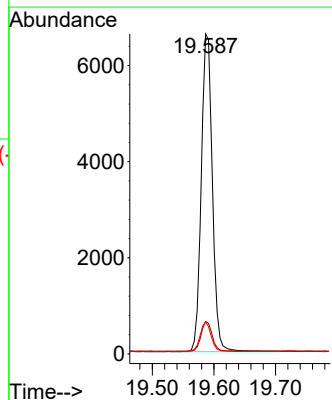
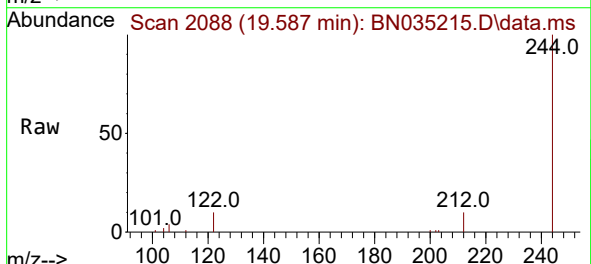
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20241114

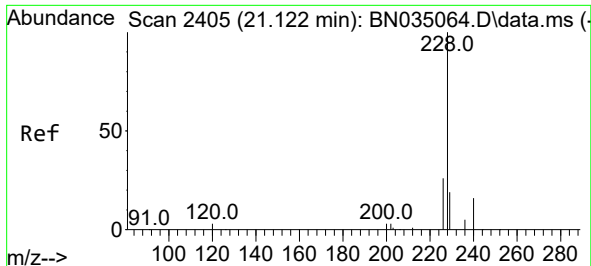
Tgt Ion:240 Resp: 1355
Ion Ratio Lower Upper
240 100
120 24.4 3.8 5.6#
236 50.3 22.2 33.2#



#31
Terphenyl-d14
Concen: 2.922 ng
RT: 19.587 min Scan# 2088
Delta R.T. -0.002 min
Lab File: BN035215.D
Acq: 21 Nov 2024 02:37

Tgt Ion:244 Resp: 8309
Ion Ratio Lower Upper
244 100
212 10.1 7.6 11.4
122 10.1 6.1 9.1#

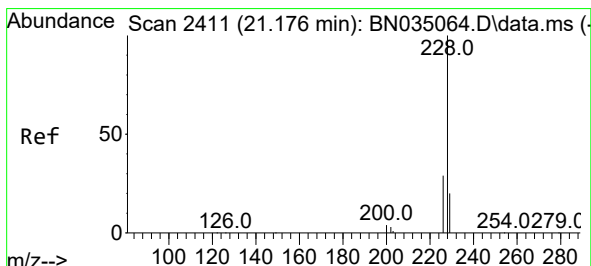
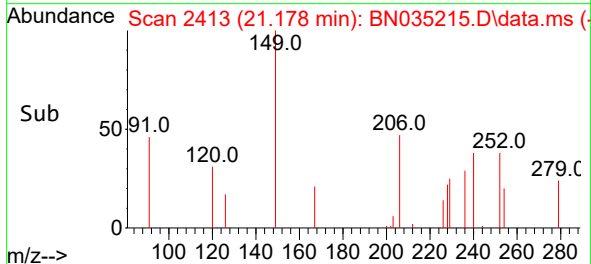
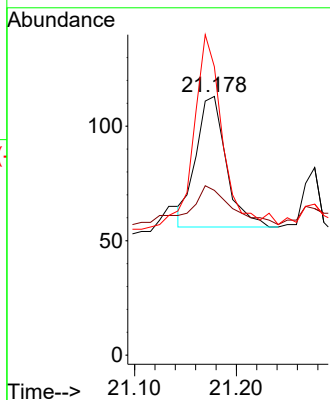
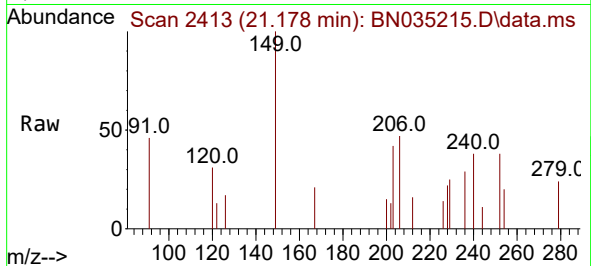




#32
Benzo(a)anthracene
Concen: 0.025 ng
RT: 21.178 min Scan# 2413
Delta R.T. 0.047 min
Lab File: BN035215.D
Acq: 21 Nov 2024 02:37

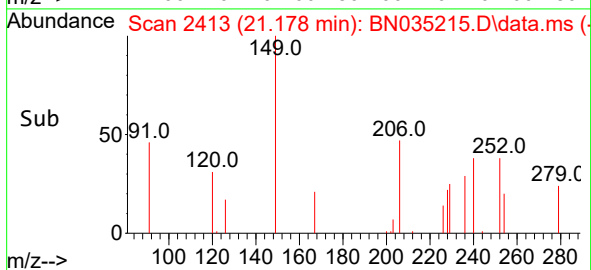
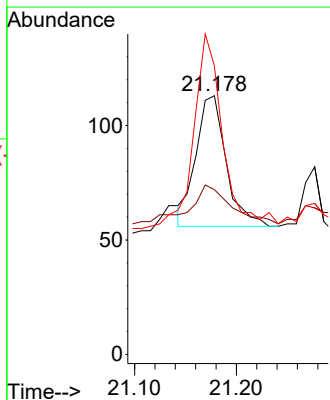
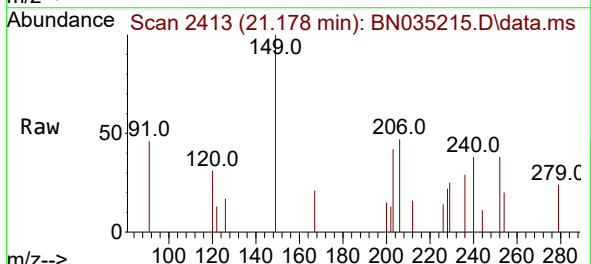
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20241114

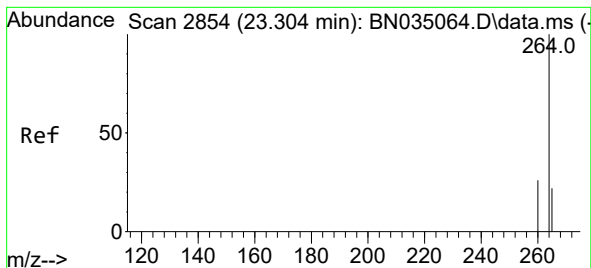
Tgt Ion:228 Resp: 118
Ion Ratio Lower Upper
228 100
226 63.7 21.4 32.0#
229 111.5 15.7 23.5#



#33
Chrysene
Concen: 0.025 ng
RT: 21.178 min Scan# 2413
Delta R.T. -0.007 min
Lab File: BN035215.D
Acq: 21 Nov 2024 02:37

Tgt Ion:228 Resp: 118
Ion Ratio Lower Upper
228 100
226 63.7 23.7 35.5#
229 111.5 16.2 24.4#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.320 min Scan# 21

Delta R.T. -0.001 min

Lab File: BN035215.D

Acq: 21 Nov 2024 02:37

Instrument :

BNA_N

ClientSampleId :

RW5-SP201-20241114

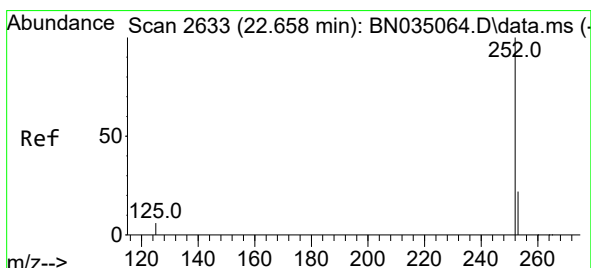
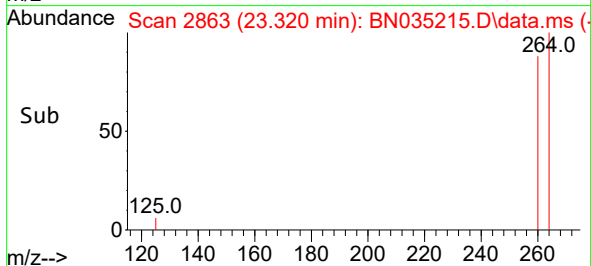
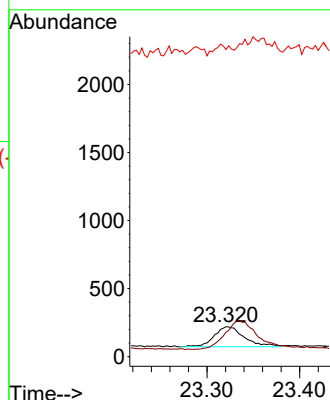
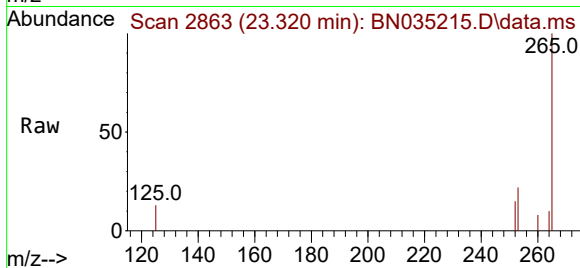
Tgt Ion:264 Resp: 327

Ion Ratio Lower Upper

264 100

260 81.8 20.9 31.3#

265 1025.9 35.4 53.2#



#37

Benzo(b)fluoranthene

Concen: 0.055 ng

RT: 22.677 min Scan# 2643

Delta R.T. 0.005 min

Lab File: BN035215.D

Acq: 21 Nov 2024 02:37

Tgt Ion:252 Resp: 60

Ion Ratio Lower Upper

252 100

253 144.6 19.3 28.9#

125 78.7 6.2 9.2#

