

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080524\
 Data File : BN033254.D
 Acq On : 06 Aug 2024 03:17
 Operator : MA/JU
 Sample : P3455-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-50-20240801

Quant Time: Aug 06 04:33:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 05 23:57:48 2024
 Response via : Initial Calibration

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

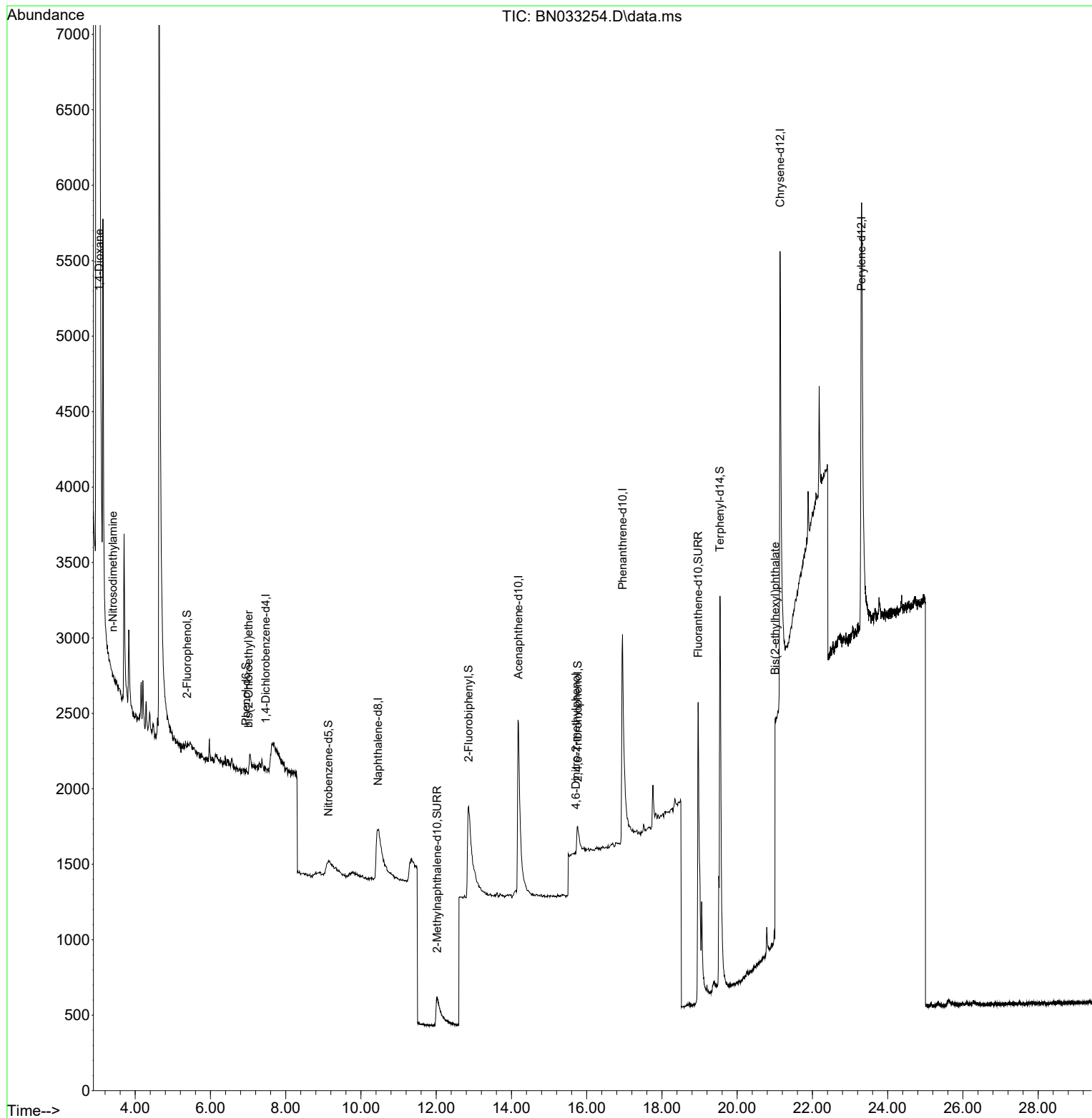
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.467	152	5	0.400	ng	#-0.04
7) Naphthalene-d8	10.458	136	1526	0.400	ng	# 0.14
13) Acenaphthene-d10	14.186	164	2013	0.400	ng	0.06
19) Phenanthrene-d10	16.952	188	5169	0.400	ng	0.03
29) Chrysene-d12	21.140	240	6157	0.400	ng	# 0.02
35) Perylene-d12	23.307	264	7251	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.380	112	136	10.980	ng	0.09
5) Phenol-d6	6.939	99	1	0.059	ng	-0.05
8) Nitrobenzene-d5	9.134	82	512	0.417	ng	0.21
11) 2-Methylnaphthalene-d10	12.022	152	954	0.421	ng	0.10
14) 2,4,6-Tribromophenol	15.760	330	290	0.387	ng	0.04
15) 2-Fluorobiphenyl	12.861	172	2613	0.379	ng	0.06
27) Fluoranthene-d10	18.962	212	5440	0.376	ng	0.01
31) Terphenyl-d14	19.543	244	5911	0.556	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.039	88	9474	1722.760	ng	94
3) n-Nitrosodimethylamine	3.408	42	20	3.280	ng	# 69
6) bis(2-Chloroethyl)ether	7.012	93	9	0.628	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.711	198	1	0.249	ng	# 63
34) Bis(2-ethylhexyl)phtha...	21.006	149	649	0.152	ng	# 57

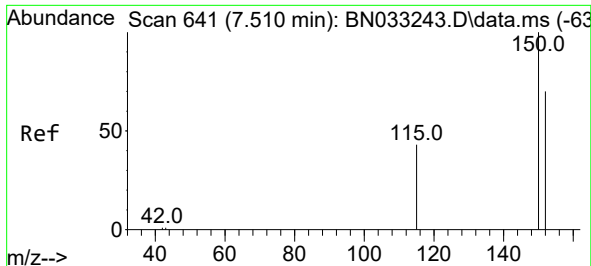
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080524\
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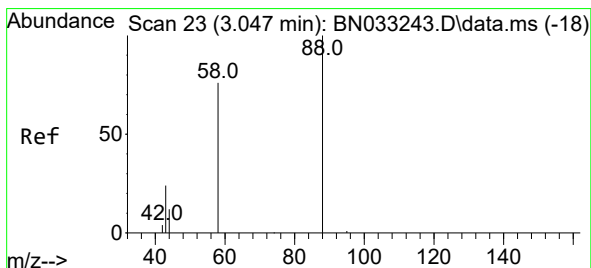
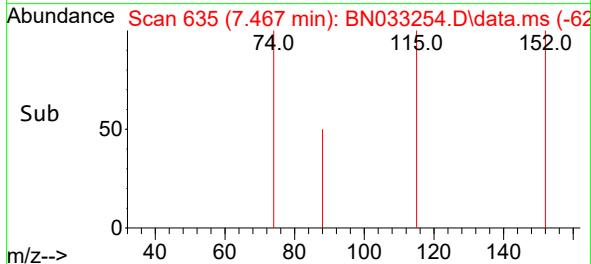
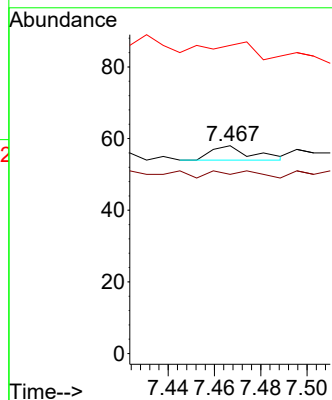
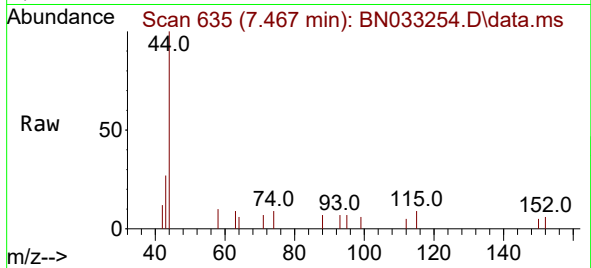




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.467 min Scan# 61
Delta R.T. -0.043 min
Lab File: BN033254.D
Acq: 06 Aug 2024 03:17

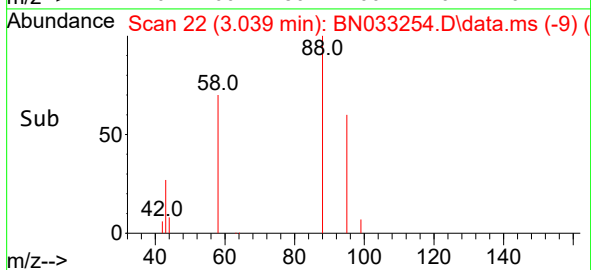
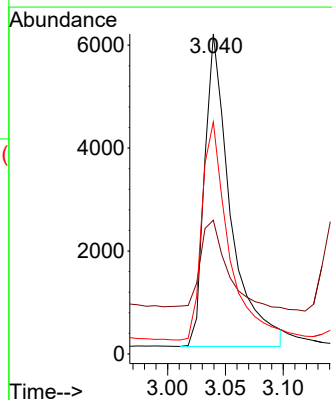
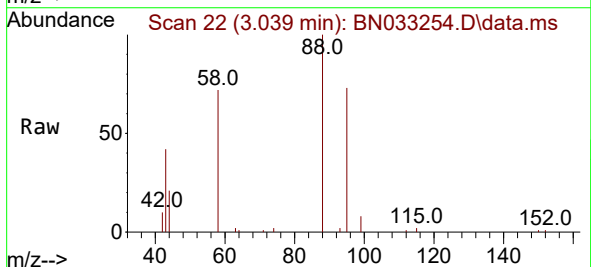
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-50-20240801

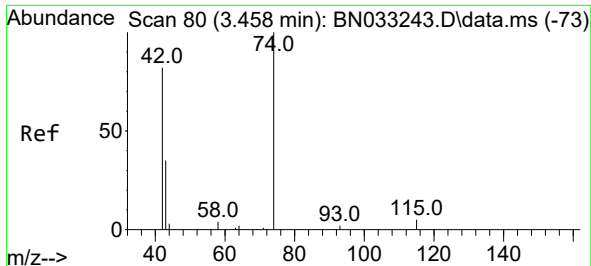
Tgt Ion:152 Resp: 5
Ion Ratio Lower Upper
152 100
150 86.2 108.2 162.2#
115 148.3 70.5 105.7#



#2
1,4-Dioxane
Concen: 1722.760 ng
RT: 3.039 min Scan# 22
Delta R.T. -0.008 min
Lab File: BN033254.D
Acq: 06 Aug 2024 03:17

Tgt Ion: 88 Resp: 9474
Ion Ratio Lower Upper
88 100
43 27.7 18.6 28.0
58 71.7 54.5 81.7





#3

n-Nitrosodimethylamine

Concen: 3.280 ng

RT: 3.408 min Scan# 71

Delta R.T. -0.050 min

Lab File: BN033254.D

Acq: 06 Aug 2024 03:17

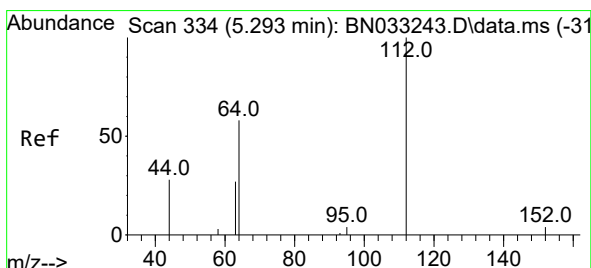
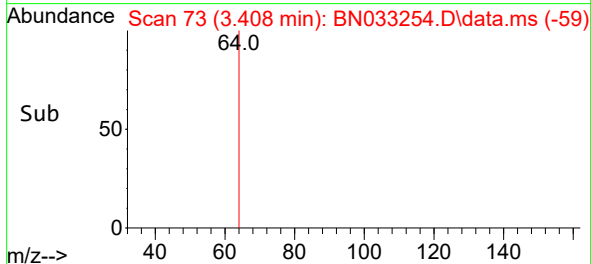
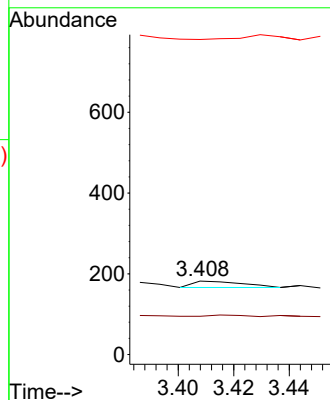
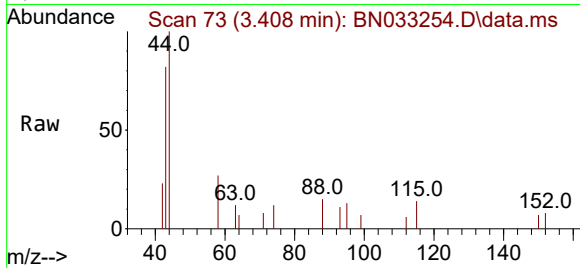
Instrument :

BNA_N

ClientSampleId :

RW7-SP100-50-20240801

Tgt Ion:	42	Resp:	20
Ion	Ratio	Lower	Upper
42	100		
74	20.0	0.0	0.0#
44	0.0	9.6	14.4#



#4

2-Fluorophenol

Concen: 10.980 ng

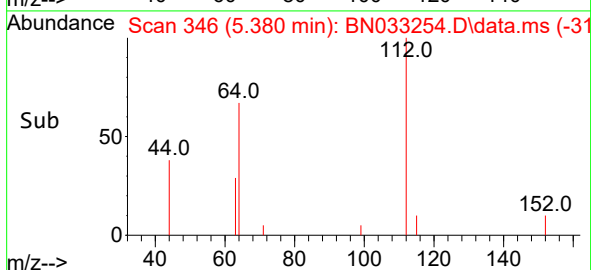
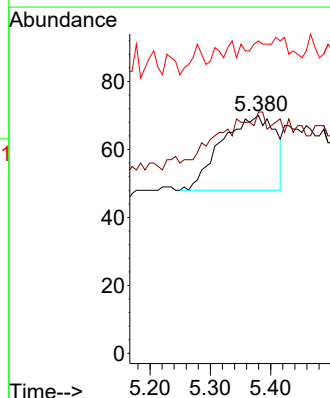
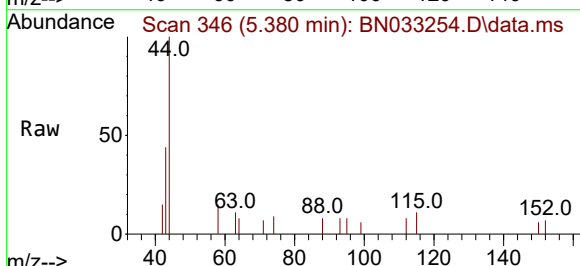
RT: 5.380 min Scan# 346

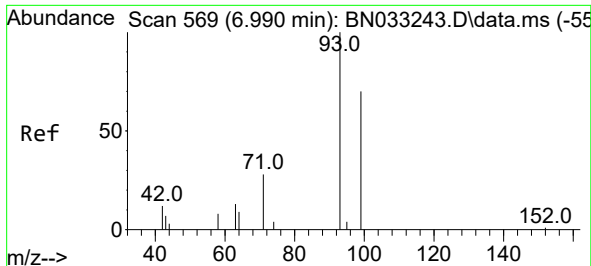
Delta R.T. 0.087 min

Lab File: BN033254.D

Acq: 06 Aug 2024 03:17

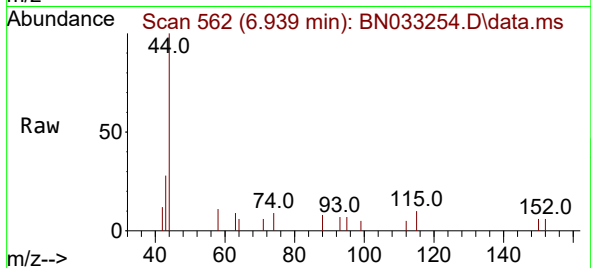
Tgt Ion:	112	Resp:	136
Ion	Ratio	Lower	Upper
112	100		
64	0.0	18.0	27.0#
63	2.2	0.0	0.0#



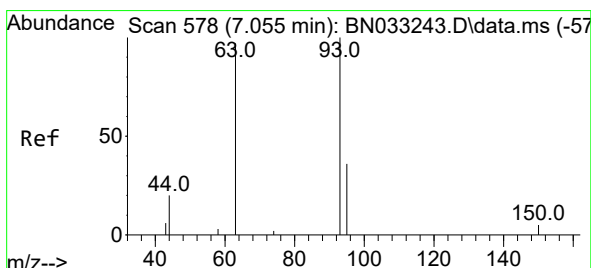
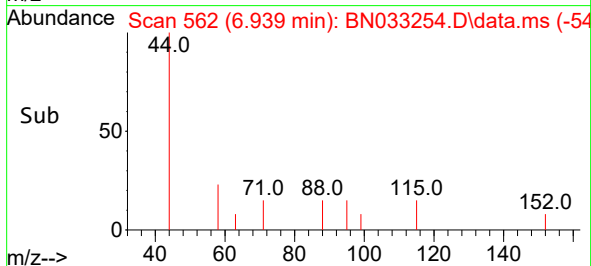
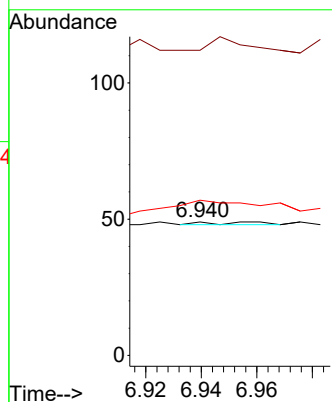


#5
Phenol-d6
Concen: 0.059 ng
RT: 6.939 min Scan# 50
Delta R.T. -0.051 min
Lab File: BN033254.D
Acq: 06 Aug 2024 03:17

Instrument :
BNA_N
ClientSampleId :
RW7-SP100-50-20240801

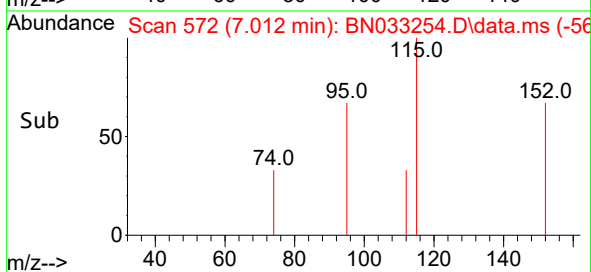
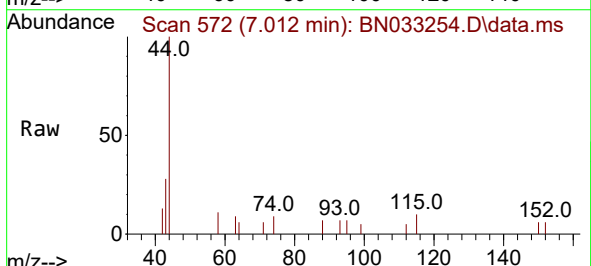
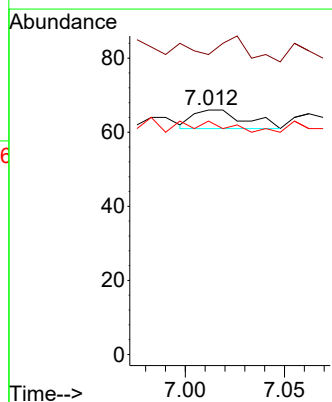


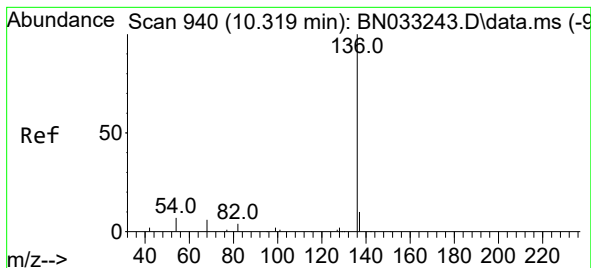
Tgt Ion: 99 Resp: 1
Ion Ratio Lower Upper
99 100
42 500.0 0.0 0.0#
71 800.0 0.0 0.0#



#6
bis(2-Chloroethyl)ether
Concen: 0.628 ng
RT: 7.012 min Scan# 572
Delta R.T. -0.043 min
Lab File: BN033254.D
Acq: 06 Aug 2024 03:17

Tgt Ion: 93 Resp: 9
Ion Ratio Lower Upper
93 100
63 77.8 1.1 1.7#
95 0.0 0.0 0.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.458 min Scan# 91

Delta R.T. 0.139 min

Lab File: BN033254.D

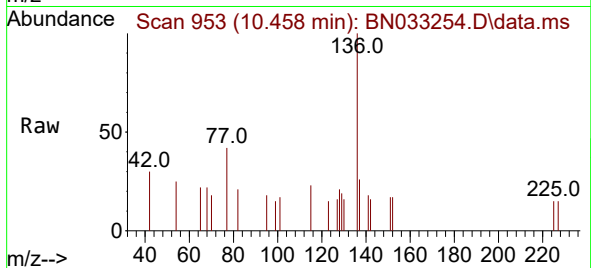
Acq: 06 Aug 2024 03:17

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-50-20240801



Tgt Ion:136 Resp: 1526

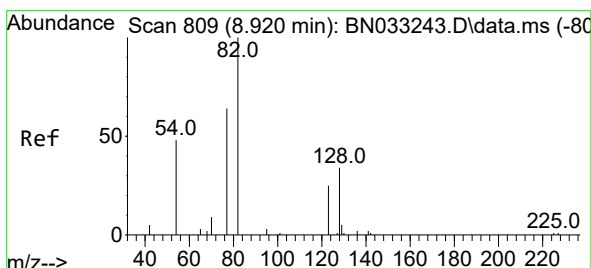
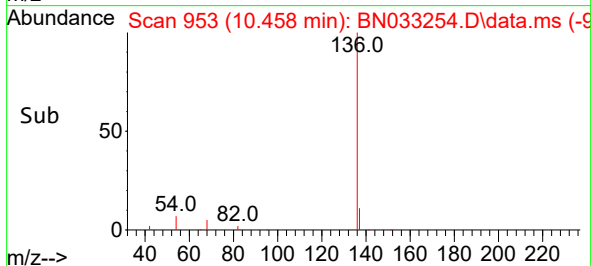
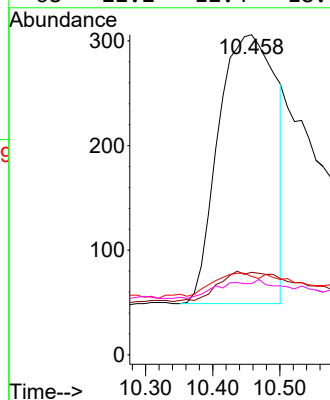
Ion Ratio Lower Upper

136 100

137 25.8 14.1 21.1#

54 24.5 13.8 20.8#

68 22.2 12.4 18.6#



#8

Nitrobenzene-d5

Concen: 0.417 ng

RT: 9.134 min Scan# 829

Delta R.T. 0.214 min

Lab File: BN033254.D

Acq: 06 Aug 2024 03:17

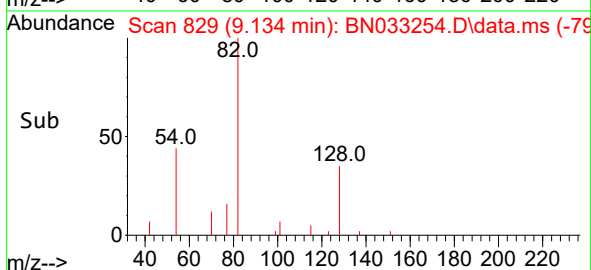
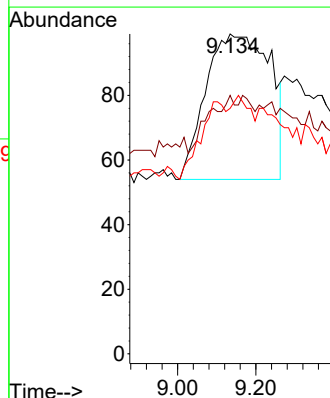
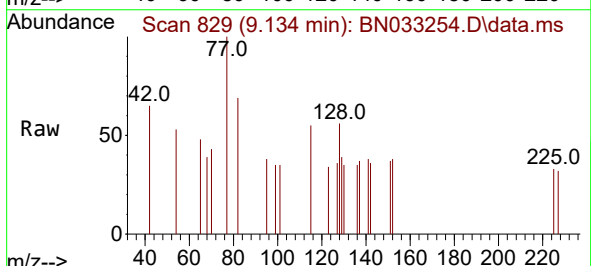
Tgt Ion: 82 Resp: 512

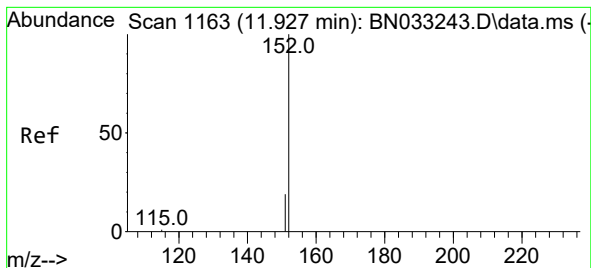
Ion Ratio Lower Upper

82 100

128 80.8 54.8 82.2

54 76.8 55.9 83.9





#11

2-Methylnaphthalene-d10

Concen: 0.421 ng

RT: 12.022 min Scan# 1163

Delta R.T. 0.095 min

Lab File: BN033254.D

Acq: 06 Aug 2024 03:17

Instrument :

BNA_N

ClientSampleId :

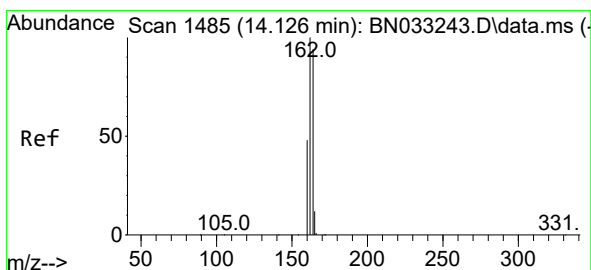
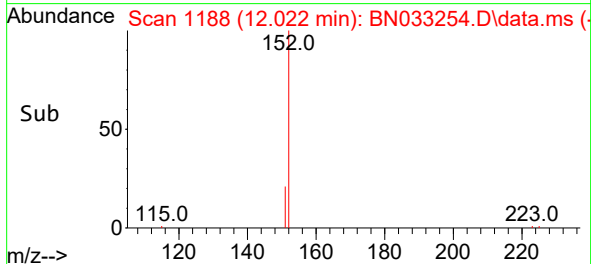
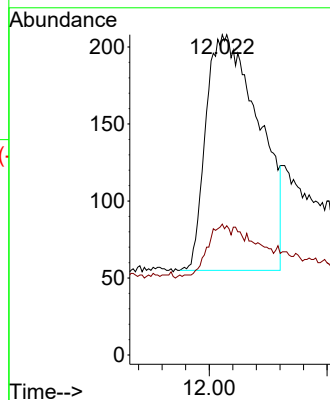
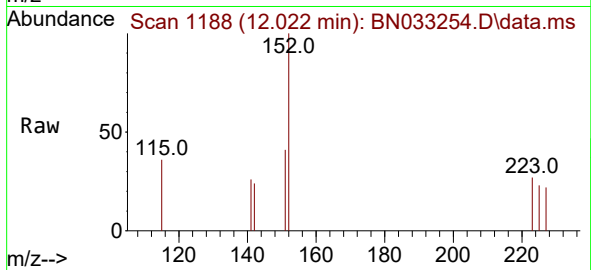
RW7-SP100-50-20240801

Tgt Ion:152 Resp: 954

Ion Ratio Lower Upper

152 100

151 10.0 11.9 17.9#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.186 min Scan# 1490

Delta R.T. 0.060 min

Lab File: BN033254.D

Acq: 06 Aug 2024 03:17

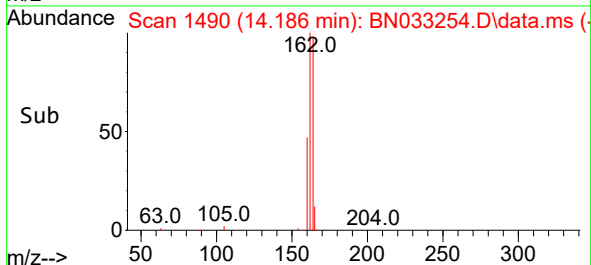
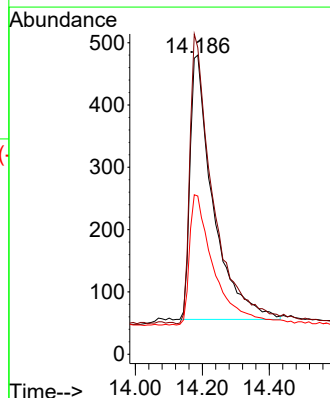
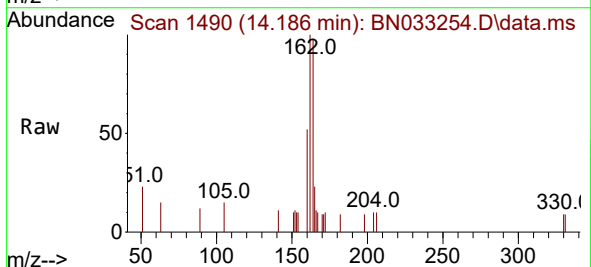
Tgt Ion:164 Resp: 2013

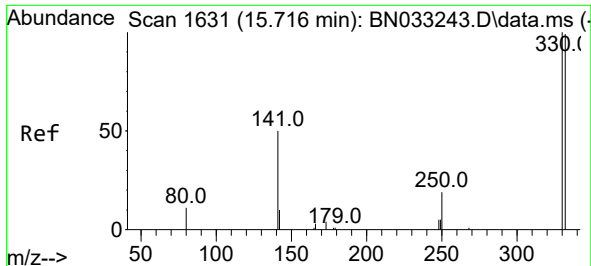
Ion Ratio Lower Upper

164 100

162 102.5 84.6 127.0

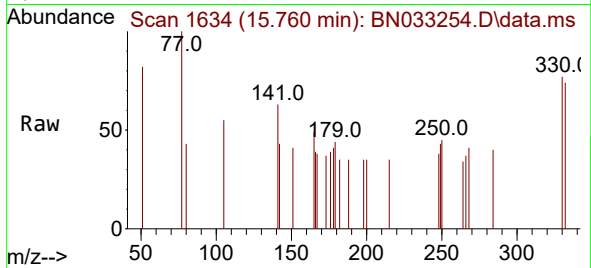
160 52.9 42.4 63.6



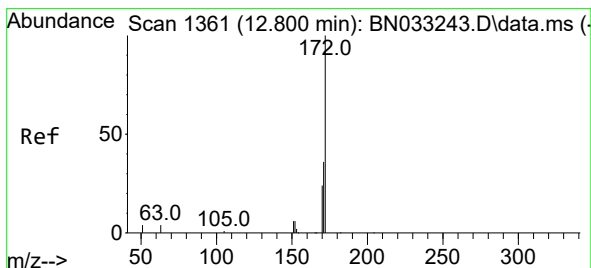
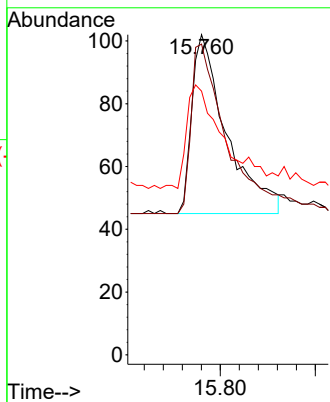
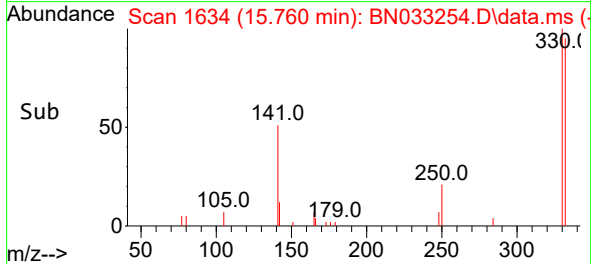


#14
2,4,6-Tribromophenol
Concen: 0.387 ng
RT: 15.760 min Scan# 1634
Delta R.T. 0.044 min
Lab File: BN033254.D
Acq: 06 Aug 2024 03:17

Instrument :
BNA_N
ClientSampleId :
RW7-SP100-50-20240801

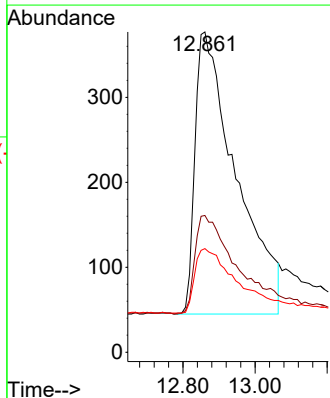
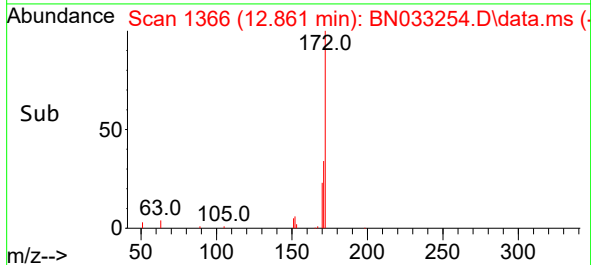
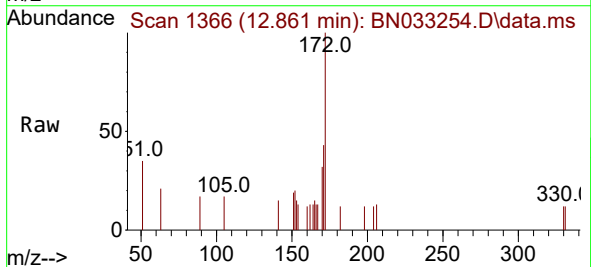


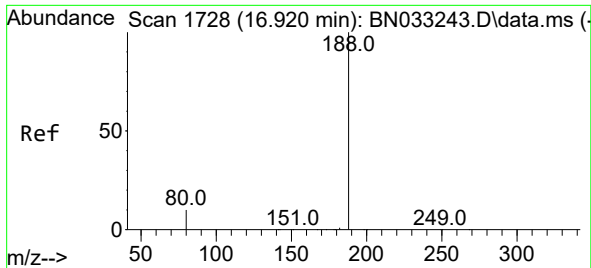
Tgt Ion:330 Resp: 290
Ion Ratio Lower Upper
330 100
332 96.2 73.7 110.5
141 63.8 44.8 67.2



#15
2-Fluorobiphenyl
Concen: 0.379 ng
RT: 12.861 min Scan# 1366
Delta R.T. 0.060 min
Lab File: BN033254.D
Acq: 06 Aug 2024 03:17

Tgt Ion:172 Resp: 2613
Ion Ratio Lower Upper
172 100
171 42.7 32.3 48.5
170 32.4 23.4 35.2

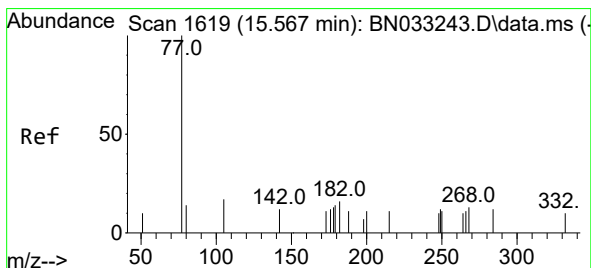
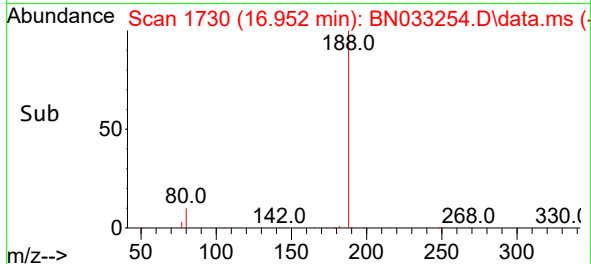
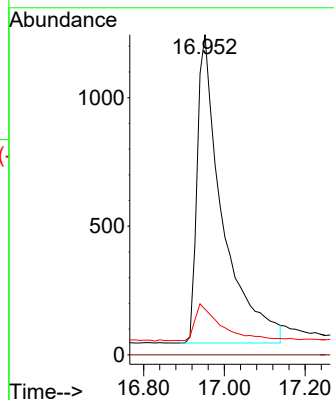
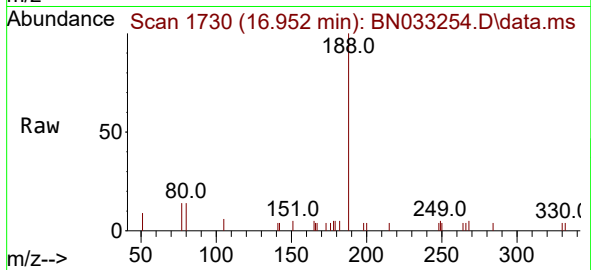




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.952 min Scan# 11
Delta R.T. 0.032 min
Lab File: BN033254.D
Acq: 06 Aug 2024 03:17

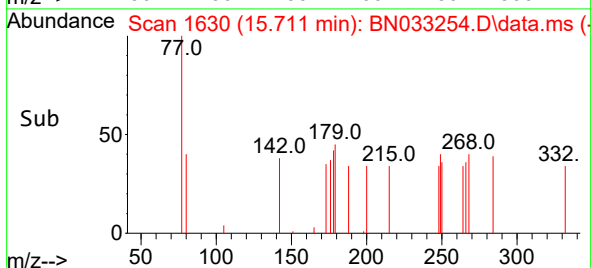
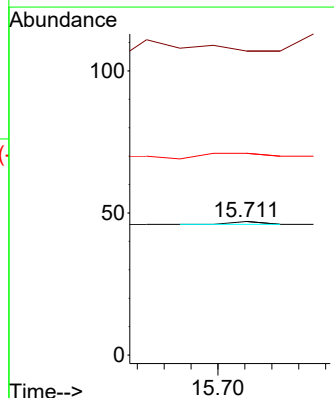
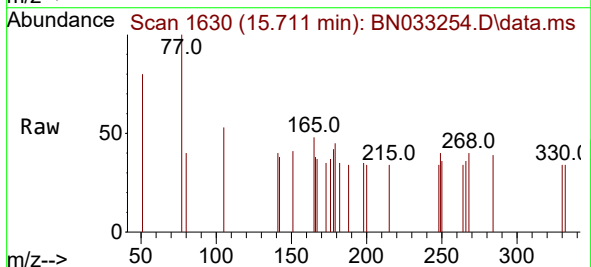
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-50-20240801

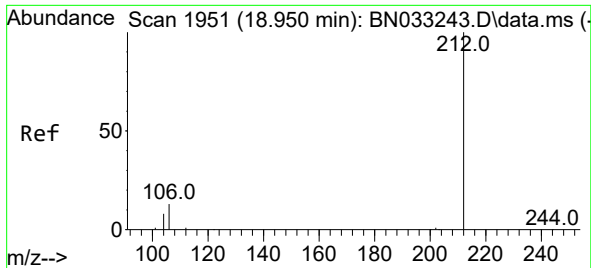
Tgt Ion:188 Resp: 5169
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.2 10.2 15.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.249 ng
RT: 15.711 min Scan# 1630
Delta R.T. 0.144 min
Lab File: BN033254.D
Acq: 06 Aug 2024 03:17

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 227.7 250.6 375.8#
105 151.1 152.6 229.0#

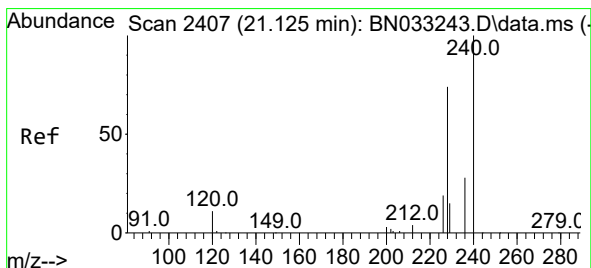
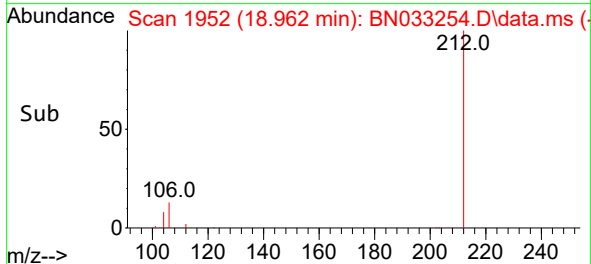
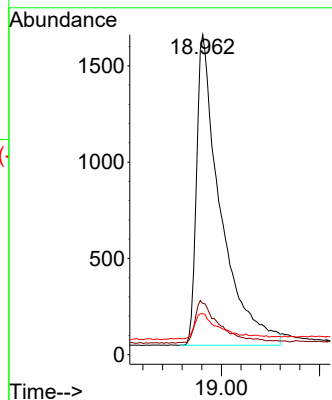
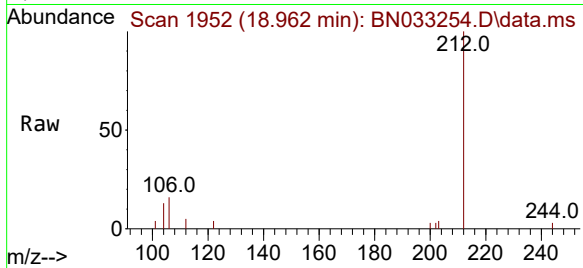




#27
Fluoranthene-d10
Concen: 0.376 ng
RT: 18.962 min Scan# 1951
Delta R.T. 0.012 min
Lab File: BN033254.D
Acq: 06 Aug 2024 03:17

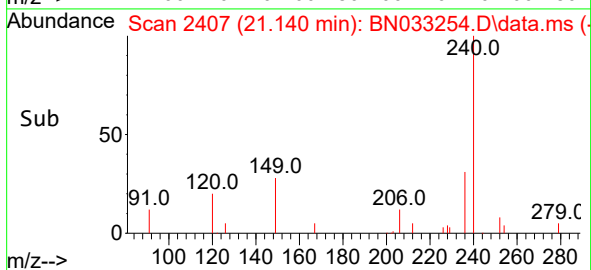
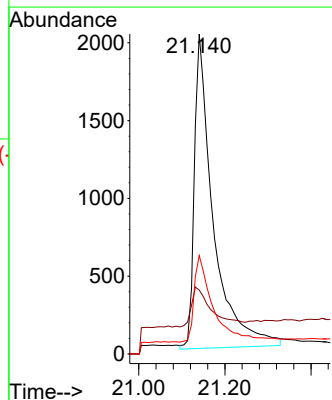
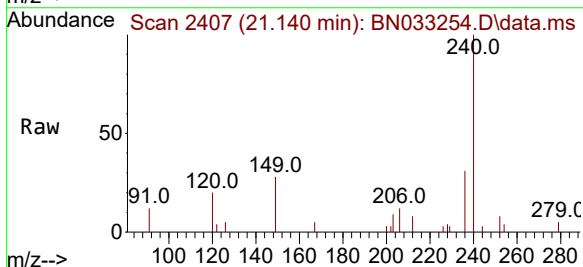
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-50-20240801

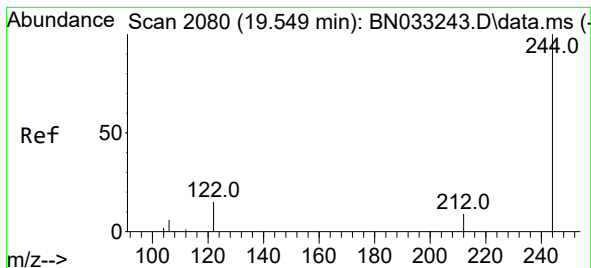
Tgt Ion:212 Resp: 5440
Ion Ratio Lower Upper
212 100
106 14.1 11.4 17.0
104 8.0 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.140 min Scan# 2407
Delta R.T. 0.015 min
Lab File: BN033254.D
Acq: 06 Aug 2024 03:17

Tgt Ion:240 Resp: 6157
Ion Ratio Lower Upper
240 100
120 19.9 13.3 19.9#
236 30.7 23.8 35.6





#31

Terphenyl-d14

Concen: 0.556 ng

RT: 19.543 min Scan# 2080

Delta R.T. -0.007 min

Lab File: BN033254.D

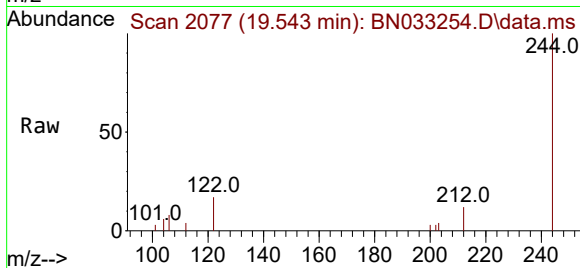
Acq: 06 Aug 2024 03:17

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-50-20240801



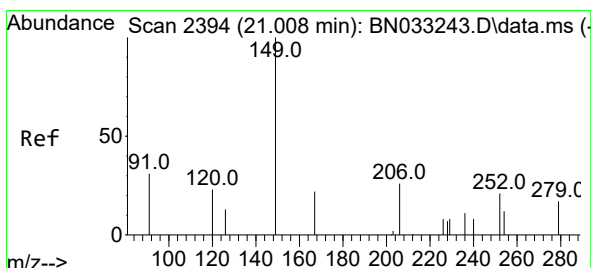
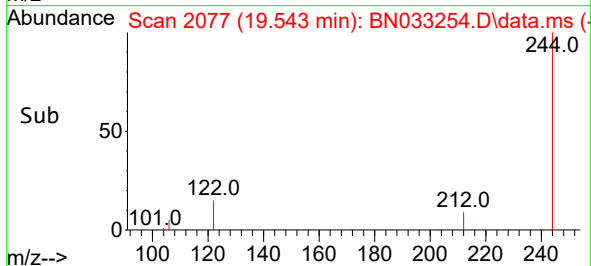
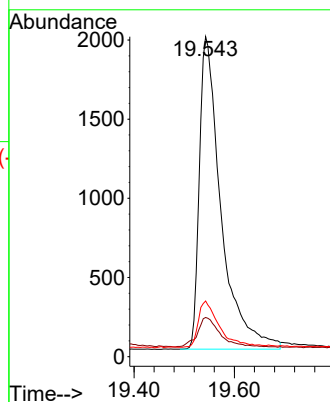
Tgt Ion:244 Resp: 5911

Ion Ratio Lower Upper

244 100

212 12.2 9.9 14.9

122 17.4 14.1 21.1



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.152 ng

RT: 21.006 min Scan# 2392

Delta R.T. -0.002 min

Lab File: BN033254.D

Acq: 06 Aug 2024 03:17

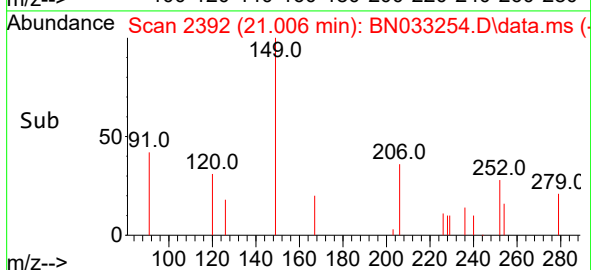
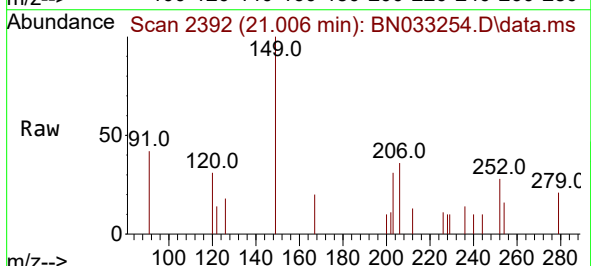
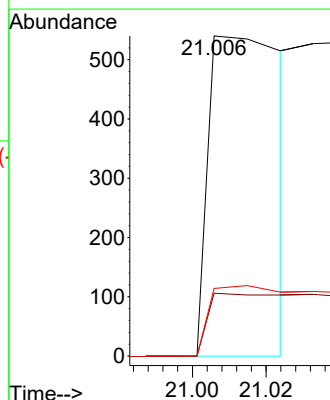
Tgt Ion:149 Resp: 649

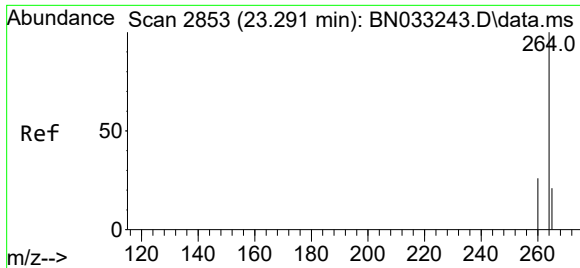
Ion Ratio Lower Upper

149 100

167 44.1 19.8 29.6#

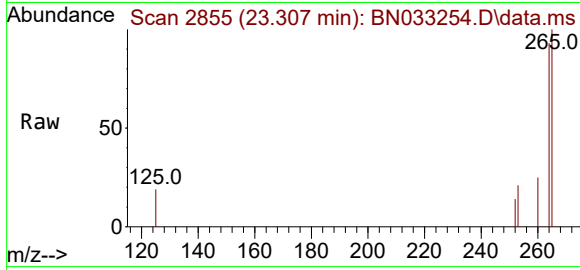
279 30.0 8.2 12.4#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.307 min Scan# 21
 Delta R.T. 0.015 min
 Lab File: BN033254.D
 Acq: 06 Aug 2024 03:17

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-50-20240801



Tgt Ion:264 Resp: 7251

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.4	32.2
265	107.9	66.6	99.8

