

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080524\
 Data File : BN033255.D
 Acq On : 06 Aug 2024 03:54
 Operator : MA/JU
 Sample : P3455-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP201-50-20240801

Quant Time: Aug 06 04:33:13 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)

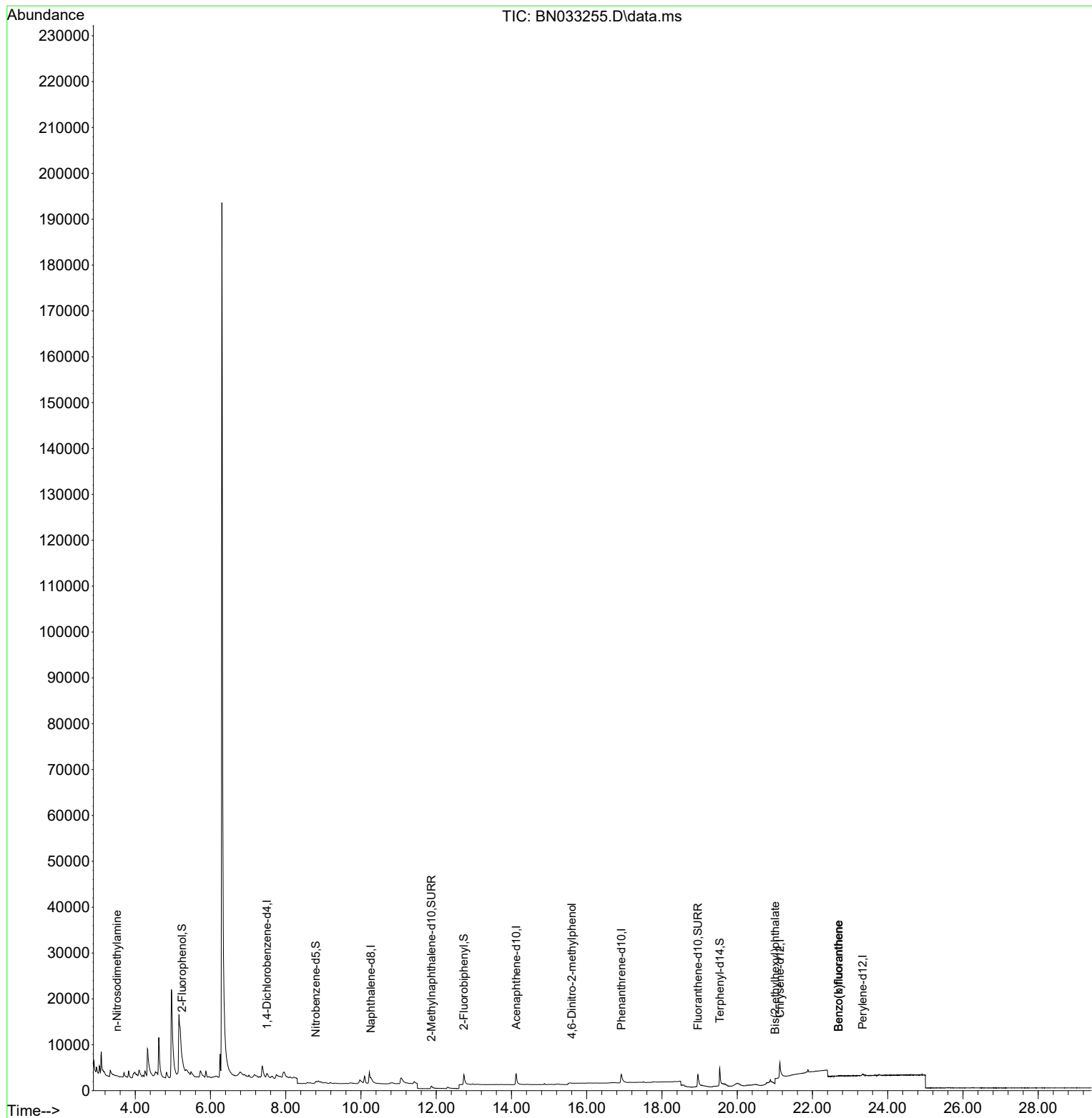
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.503	152	943	0.400	ng	0.00
7) Naphthalene-d8	10.265	136	3596	0.400	ng	#-0.05
13) Acenaphthene-d10	14.126	164	2272	0.400	ng	0.00
19) Phenanthrene-d10	16.920	188	5598	0.400	ng	0.00
29) Chrysene-d12	21.134	240	6154	0.400	ng	0.00
35) Perylene-d12	23.335	264	784	0.400	ng	# 0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.242	112	55	0.024	ng	-0.05
5) Phenol-d6	7.019	99	44	0.014	ng	0.03
8) Nitrobenzene-d5	8.803	82	945	0.327	ng	-0.12
11) 2-Methylnaphthalene-d10	11.871	152	1689	0.317	ng	-0.06
14) 2,4,6-Tribromophenol	15.728	330	16	0.019	ng	0.01
15) 2-Fluorobiphenyl	12.736	172	2792	0.359	ng	-0.06
27) Fluoranthene-d10	18.955	212	5204	0.332	ng	0.00
31) Terphenyl-d14	19.536	244	5954	0.560	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.047	88	226	Below Cal		Qvalue # 1
3) n-Nitrosodimethylamine	3.516	42	60	0.052	ng	# 45
20) 4,6-Dinitro-2-methylph...	15.604	198	2	0.250	ng	# 77
34) Bis(2-ethylhexyl)phtha...	21.008	149	976	0.229	ng	# 90
37) Benzo(b)fluoranthene	22.695	252	80	0.034	ng	# 1
38) Benzo(k)fluoranthene	22.695	252	80	0.027	ng	# 1

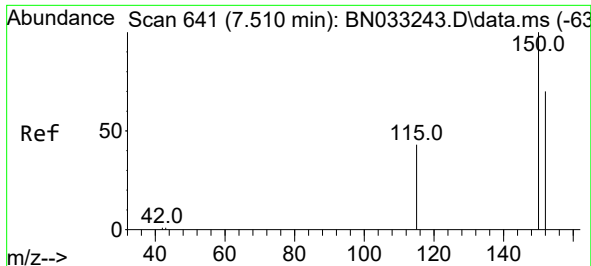
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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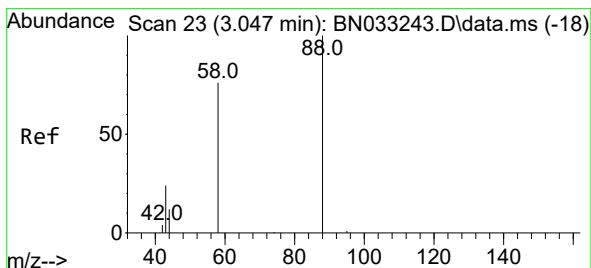
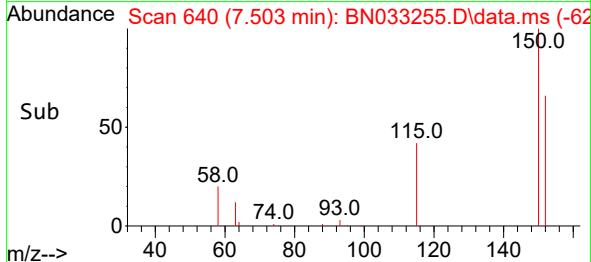
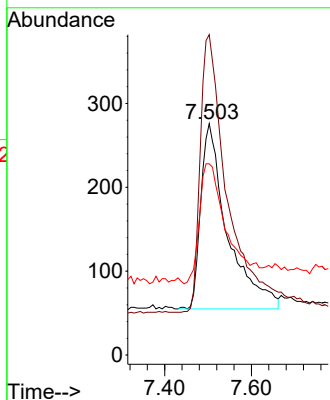
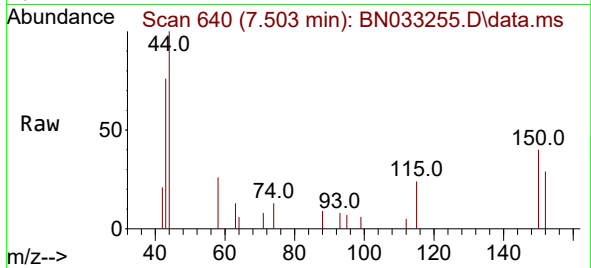




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.503 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN033255.D
 Acq: 06 Aug 2024 03:54

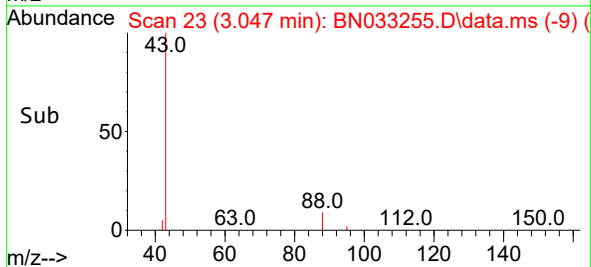
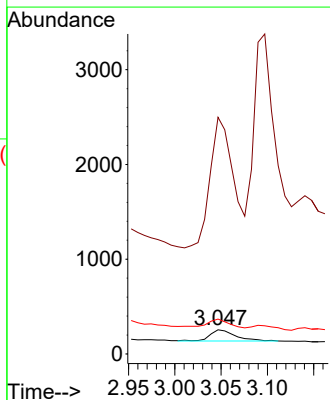
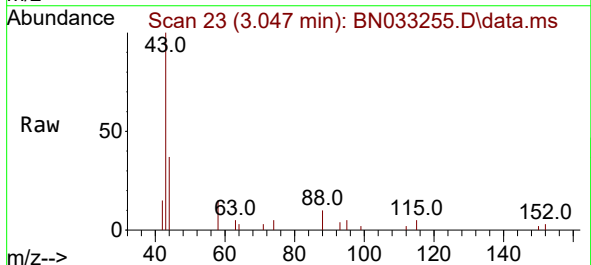
Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP201-50-20240801

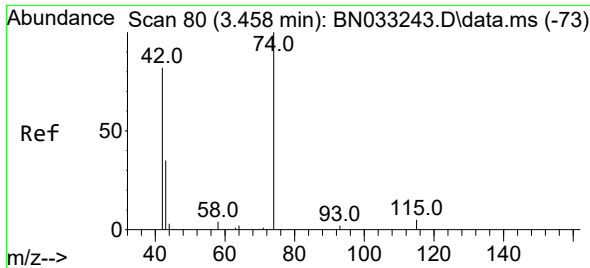
Tgt Ion:152 Resp: 943
 Ion Ratio Lower Upper
 152 100
 150 138.4 108.2 162.2
 115 82.6 70.5 105.7



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.047 min Scan# 23
 Delta R.T. -0.000 min
 Lab File: BN033255.D
 Acq: 06 Aug 2024 03:54

Tgt Ion: 88 Resp: 226
 Ion Ratio Lower Upper
 88 100
 43 1068.6 18.6 28.0#
 58 62.8 54.5 81.7

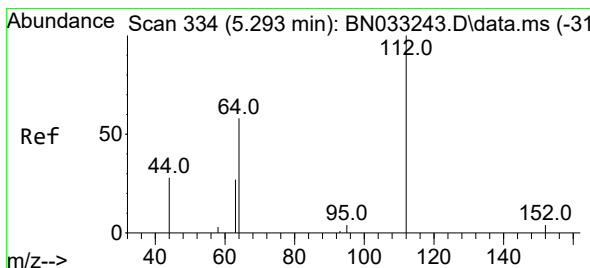
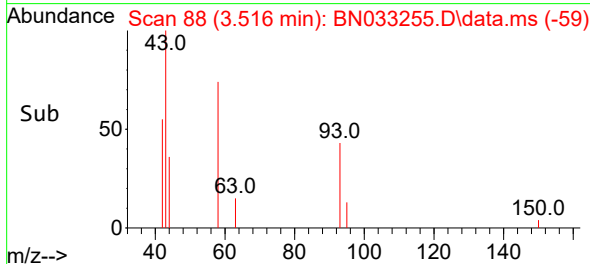
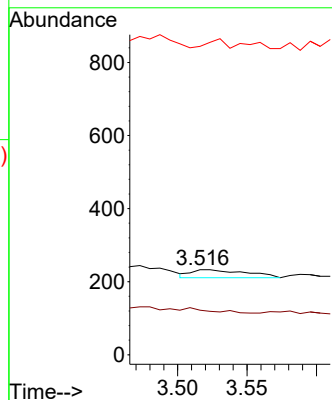
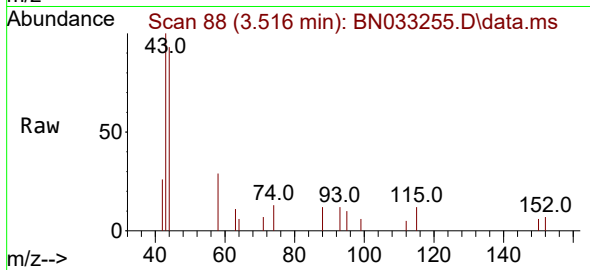




#3
n-Nitrosodimethylamine
Concen: 0.052 ng
RT: 3.516 min Scan# 80
Delta R.T. 0.058 min
Lab File: BN033255.D
Acq: 06 Aug 2024 03:54

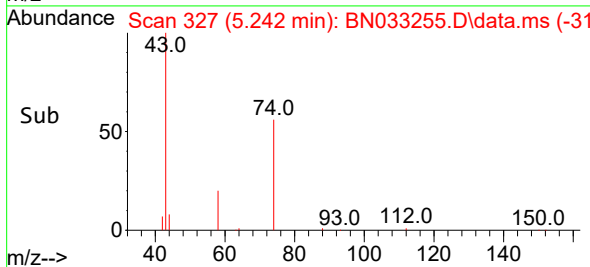
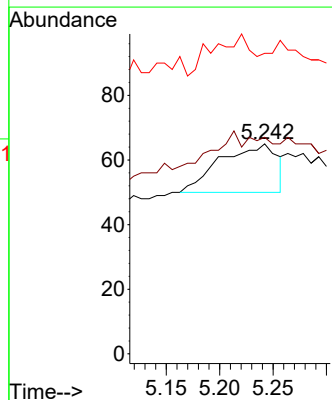
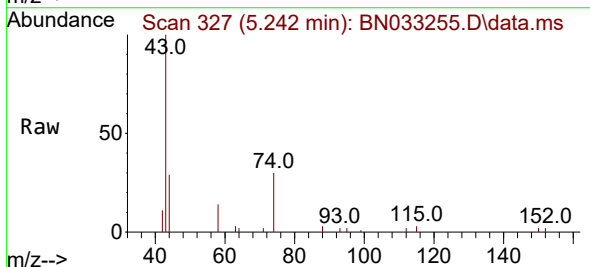
Instrument :
BNA_N
ClientSampleId :
RW7-SP201-50-20240801

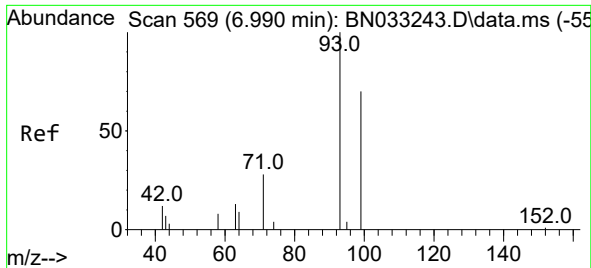
Tgt Ion: 42 Resp: 60
Ion Ratio Lower Upper
42 100
74 0.0 0.0 0.0
44 33.3 9.6 14.4#



#4
2-Fluorophenol
Concen: 0.024 ng
RT: 5.242 min Scan# 327
Delta R.T. -0.051 min
Lab File: BN033255.D
Acq: 06 Aug 2024 03:54

Tgt Ion: 112 Resp: 55
Ion Ratio Lower Upper
112 100
64 0.0 18.0 27.0#
63 49.1 0.0 0.0#

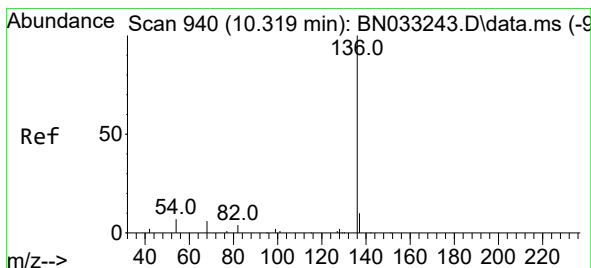
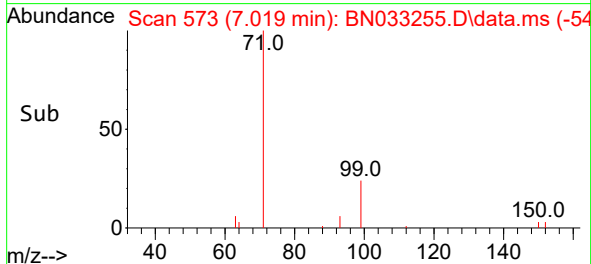
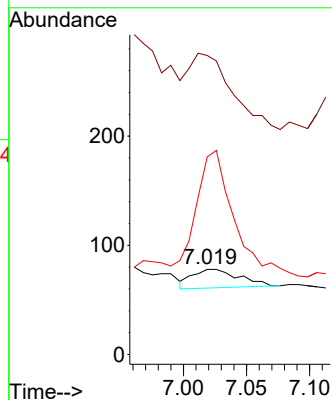
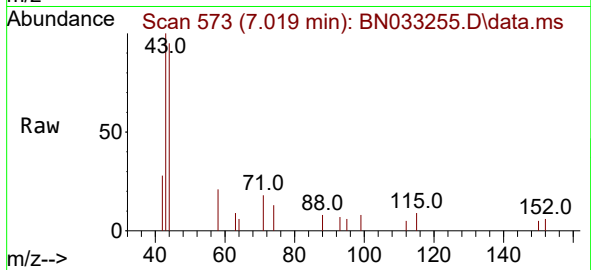




#5
Phenol-d6
Concen: 0.014 ng
RT: 7.019 min Scan# 51
Delta R.T. 0.029 min
Lab File: BN033255.D
Acq: 06 Aug 2024 03:54

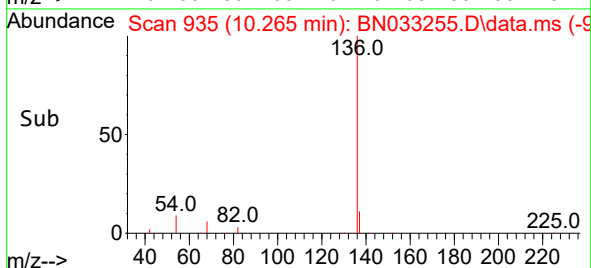
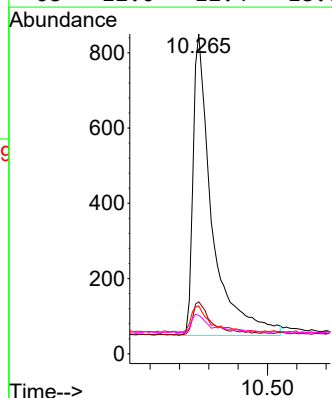
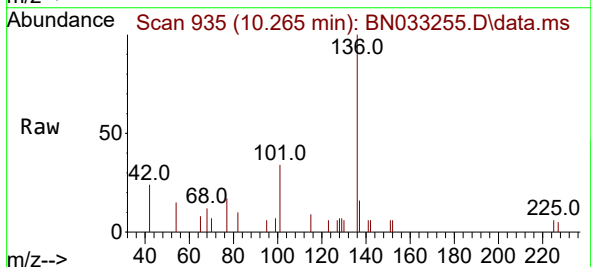
Instrument :
BNA_N
ClientSampleId :
RW7-SP201-50-20240801

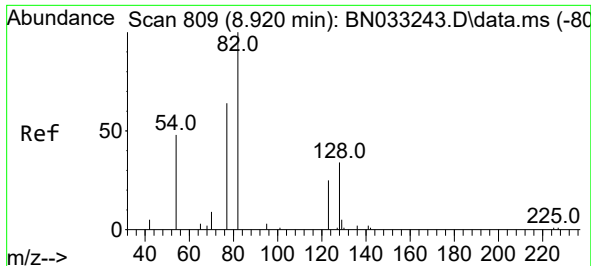
Tgt Ion: 99 Resp: 44
Ion Ratio Lower Upper
99 100
42 377.3 0.0 0.0#
71 554.5 0.0 0.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.265 min Scan# 935
Delta R.T. -0.054 min
Lab File: BN033255.D
Acq: 06 Aug 2024 03:54

Tgt Ion: 136 Resp: 3596
Ion Ratio Lower Upper
136 100
137 16.2 14.1 21.1
54 14.9 13.8 20.8
68 12.0 12.4 18.6#

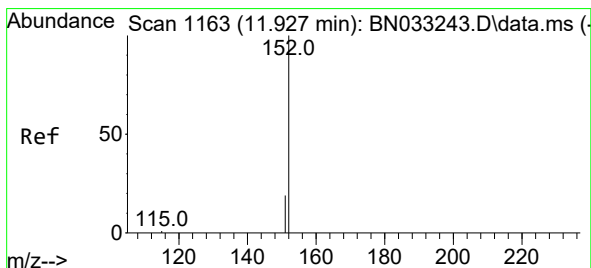
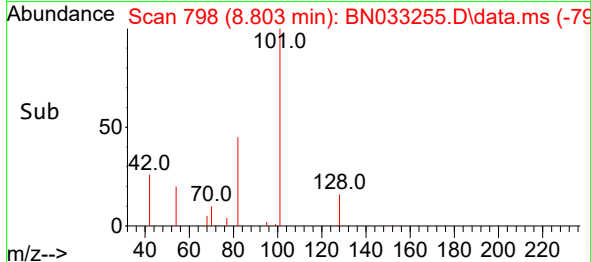
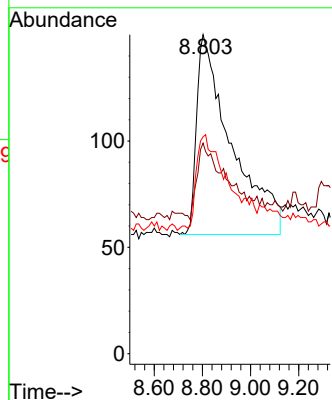
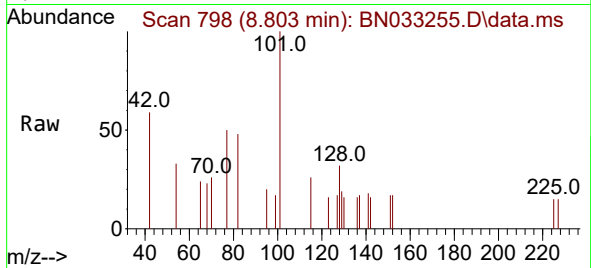




#8
Nitrobenzene-d5
Concen: 0.327 ng
RT: 8.803 min Scan# 79
Delta R.T. -0.117 min
Lab File: BN033255.D
Acq: 06 Aug 2024 03:54

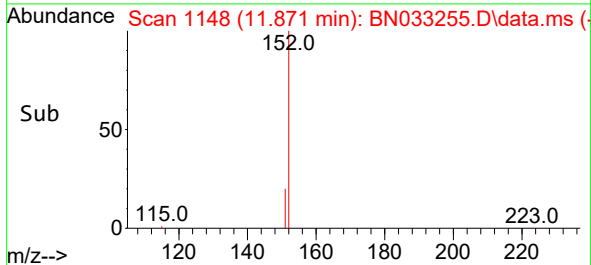
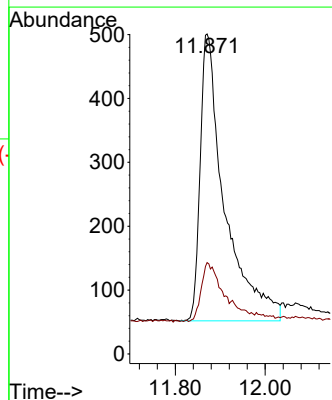
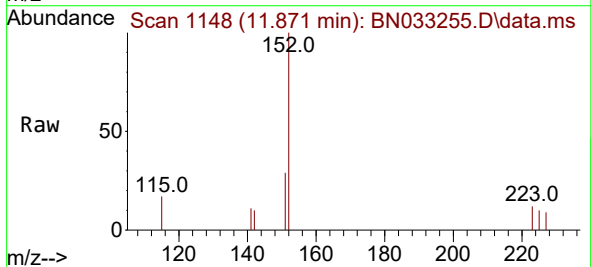
Instrument :
BNA_N
ClientSampleId :
RW7-SP201-50-20240801

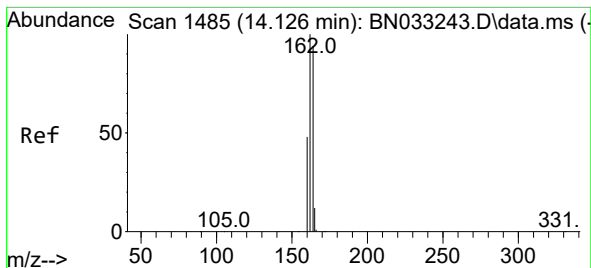
Tgt Ion: 82 Resp: 945
Ion Ratio Lower Upper
82 100
128 66.0 54.8 82.2
54 68.0 55.9 83.9



#11
2-Methylnaphthalene-d10
Concen: 0.317 ng
RT: 11.871 min Scan# 1148
Delta R.T. -0.056 min
Lab File: BN033255.D
Acq: 06 Aug 2024 03:54

Tgt Ion:152 Resp: 1689
Ion Ratio Lower Upper
152 100
151 19.8 11.9 17.9#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.126 min Scan# 1485

Delta R.T. -0.000 min

Lab File: BN033255.D

Acq: 06 Aug 2024 03:54

Instrument :

BNA_N

ClientSampleId :

RW7-SP201-50-20240801

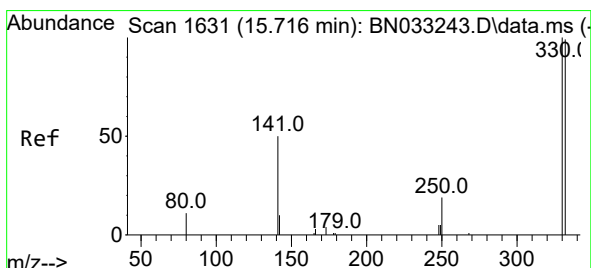
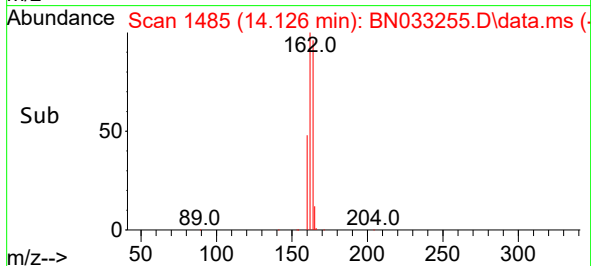
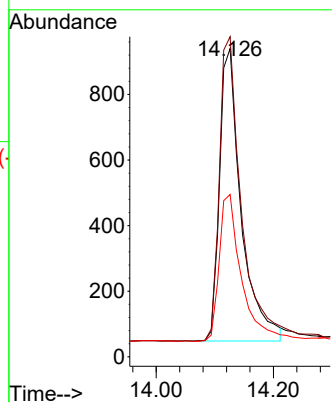
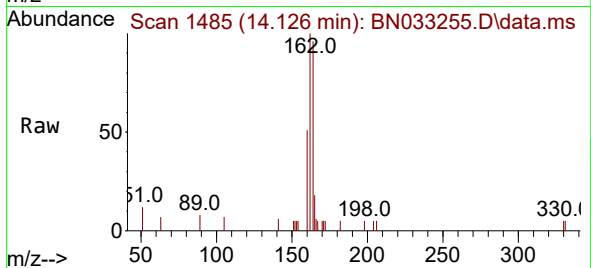
Tgt Ion:164 Resp: 2272

Ion Ratio Lower Upper

164 100

162 103.8 84.6 127.0

160 52.7 42.4 63.6



#14

2,4,6-Tribromophenol

Concen: 0.019 ng

RT: 15.728 min Scan# 1632

Delta R.T. 0.012 min

Lab File: BN033255.D

Acq: 06 Aug 2024 03:54

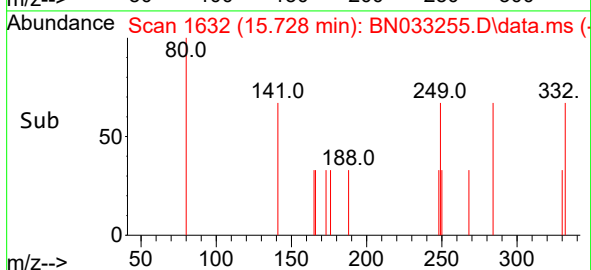
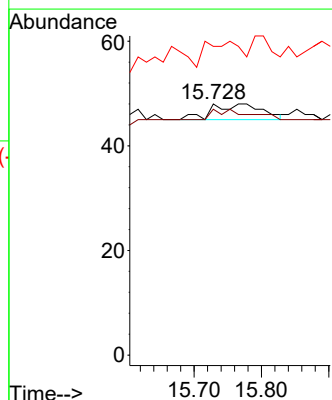
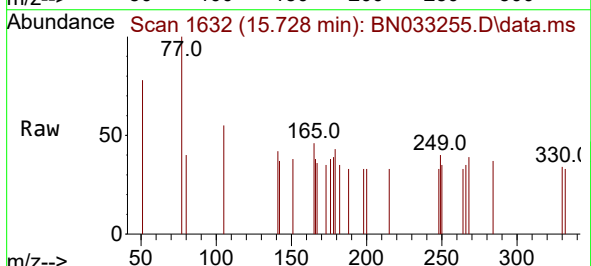
Tgt Ion:330 Resp: 16

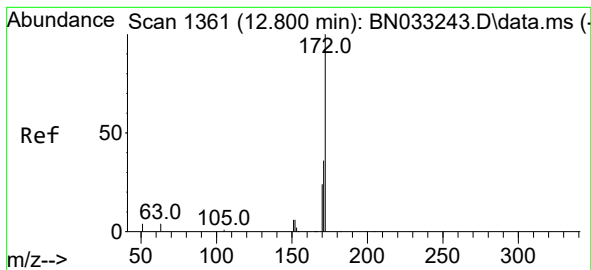
Ion Ratio Lower Upper

330 100

332 43.8 73.7 110.5#

141 112.5 44.8 67.2#





#15

2-Fluorobiphenyl

Concen: 0.359 ng

RT: 12.736 min Scan# 1355

Delta R.T. -0.064 min

Lab File: BN033255.D

Acq: 06 Aug 2024 03:54

Instrument :

BNA_N

ClientSampleId :

RW7-SP201-50-20240801

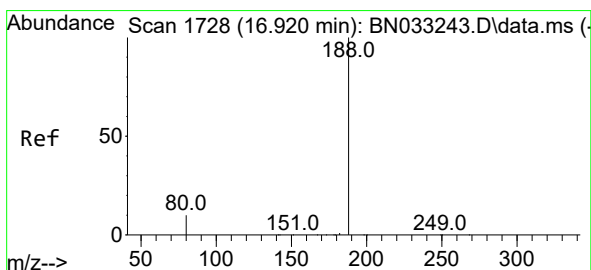
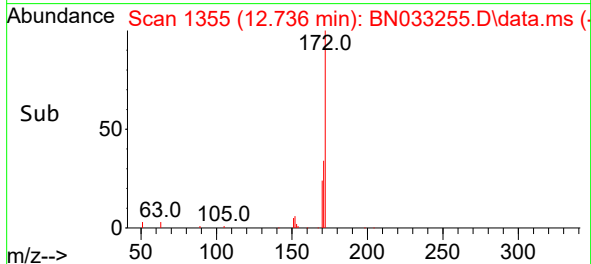
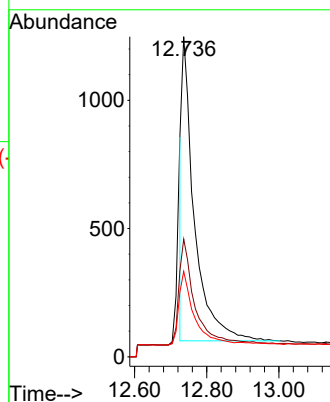
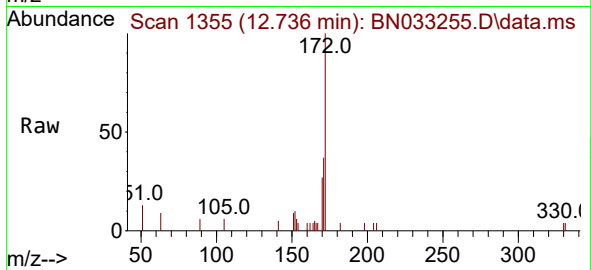
Tgt Ion:172 Resp: 2792

Ion Ratio Lower Upper

172 100

171 36.8 32.3 48.5

170 26.7 23.4 35.2



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.920 min Scan# 1728

Delta R.T. 0.000 min

Lab File: BN033255.D

Acq: 06 Aug 2024 03:54

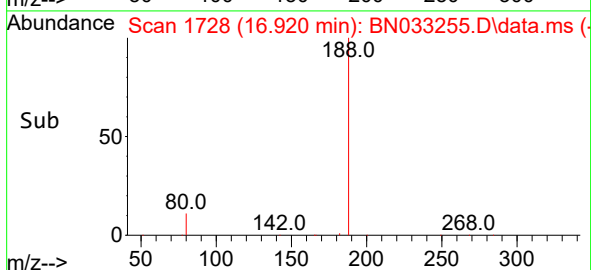
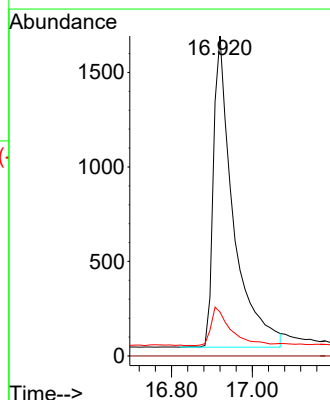
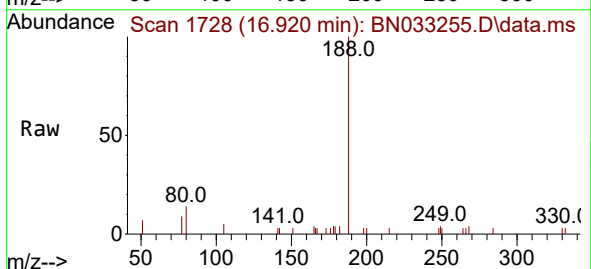
Tgt Ion:188 Resp: 5598

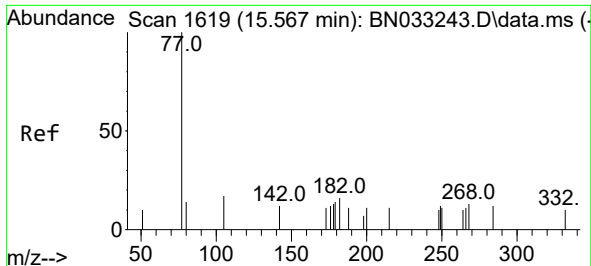
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.7 10.2 15.4

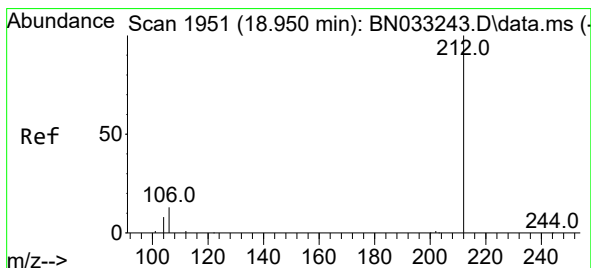
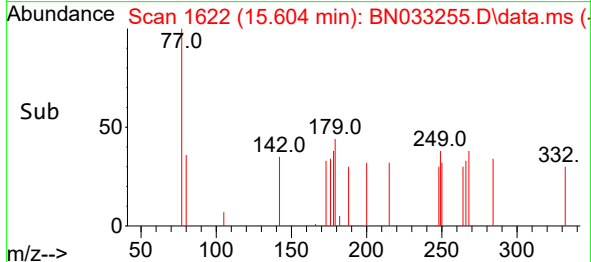
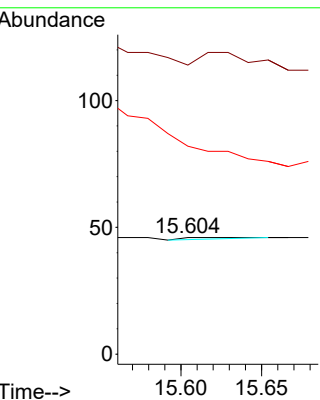
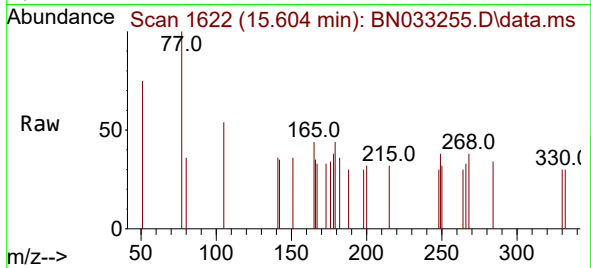




#20
4,6-Dinitro-2-methylphenol
Concen: 0.250 ng
RT: 15.604 min Scan# 1622
Delta R.T. 0.037 min
Lab File: BN033255.D
Acq: 06 Aug 2024 03:54

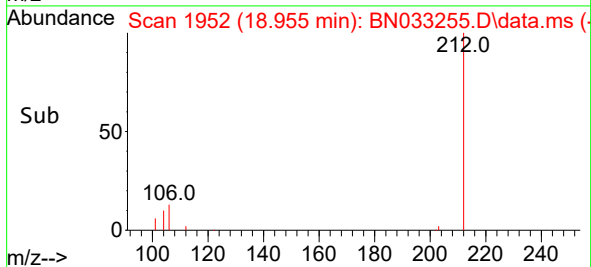
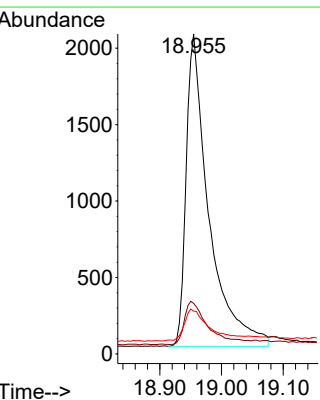
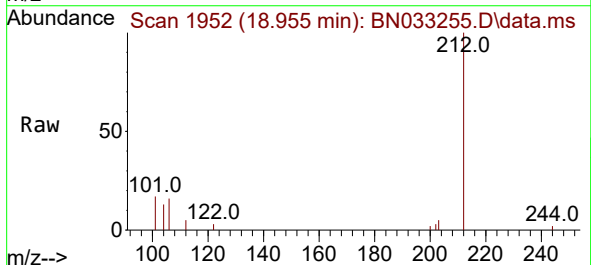
Instrument :
BNA_N
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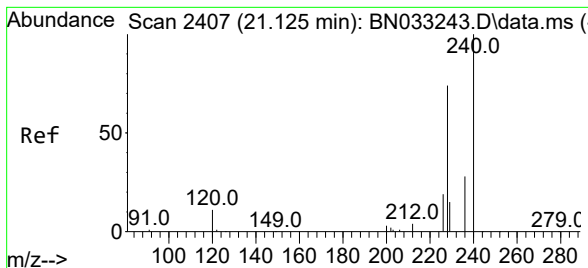
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 247.8 250.6 375.8#
105 178.3 152.6 229.0



#27
Fluoranthene-d10
Concen: 0.332 ng
RT: 18.955 min Scan# 1952
Delta R.T. 0.005 min
Lab File: BN033255.D
Acq: 06 Aug 2024 03:54

Tgt Ion:212 Resp: 5204
Ion Ratio Lower Upper
212 100
106 14.5 11.4 17.0
104 11.4 7.1 10.7#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.134 min Scan# 2407

Delta R.T. 0.009 min

Lab File: BN033255.D

Acq: 06 Aug 2024 03:54

Instrument :

BNA_N

ClientSampleId :

RW7-SP201-50-20240801

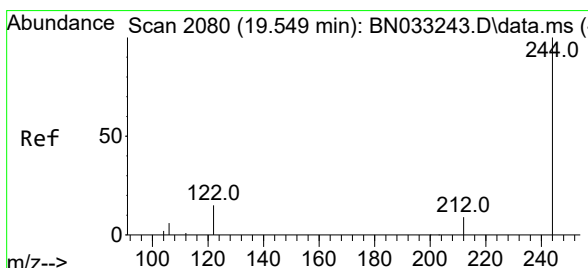
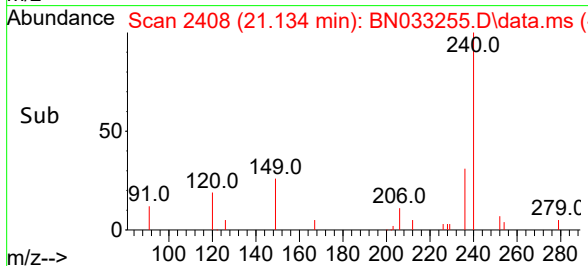
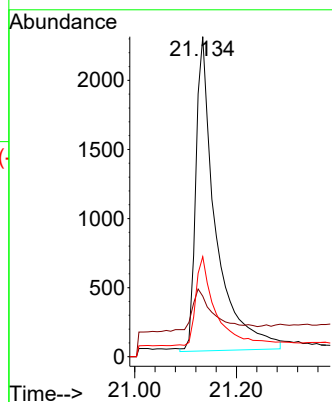
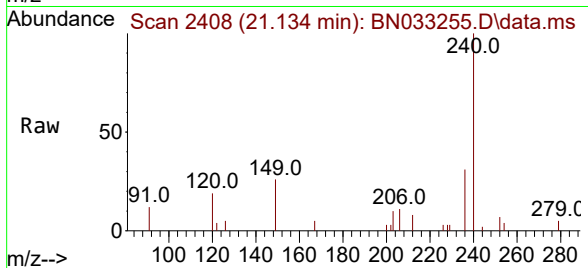
Tgt Ion:240 Resp: 6154

Ion Ratio Lower Upper

240 100

120 18.9 13.3 19.9

236 31.3 23.8 35.6



#31

Terphenyl-d14

Concen: 0.560 ng

RT: 19.536 min Scan# 2077

Delta R.T. -0.014 min

Lab File: BN033255.D

Acq: 06 Aug 2024 03:54

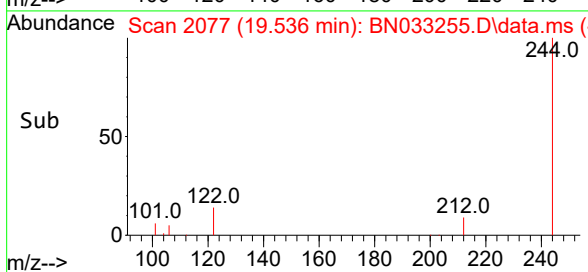
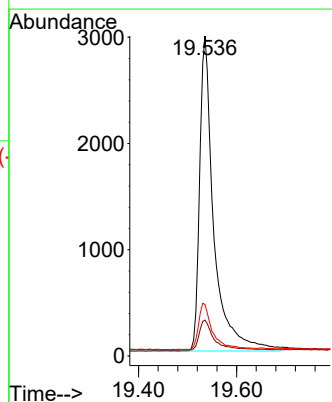
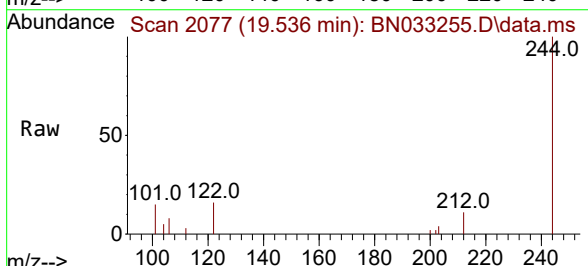
Tgt Ion:244 Resp: 5954

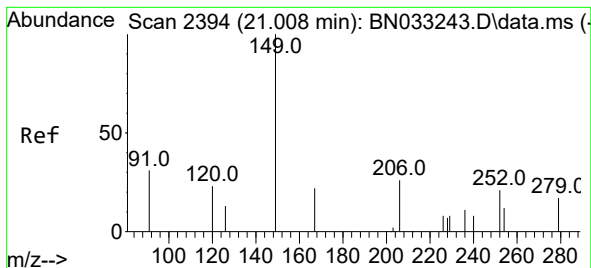
Ion Ratio Lower Upper

244 100

212 11.2 9.9 14.9

122 16.1 14.1 21.1

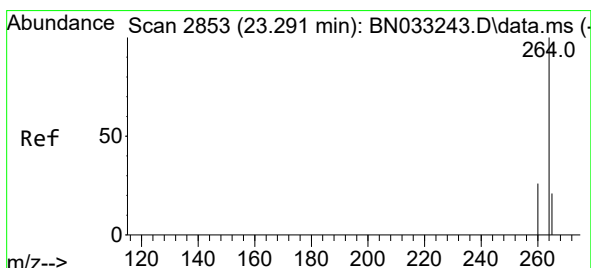
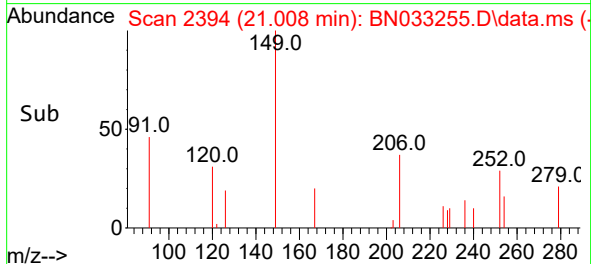
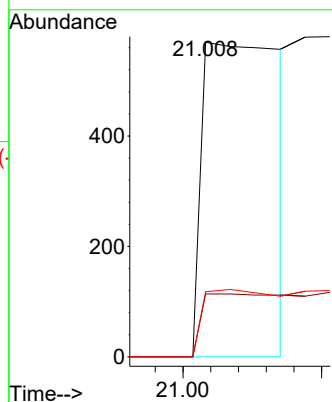
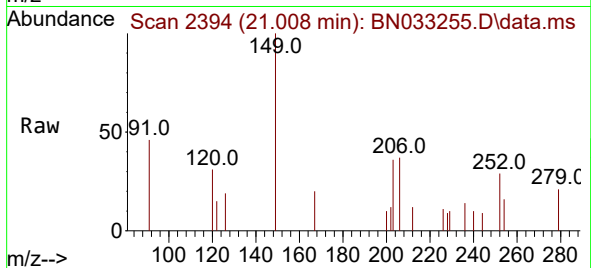




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.229 ng
RT: 21.008 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN033255.D
Acq: 06 Aug 2024 03:54

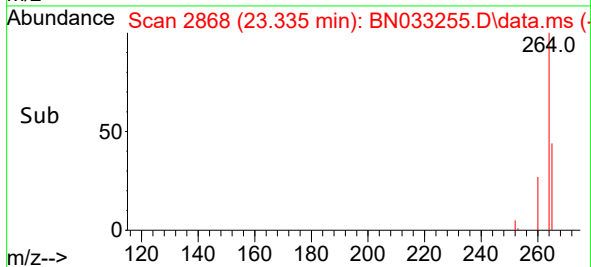
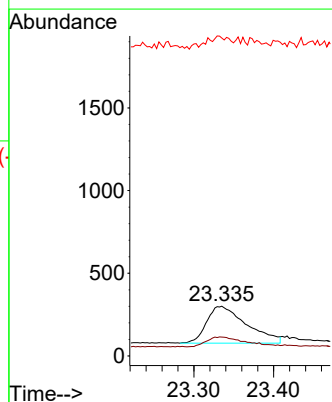
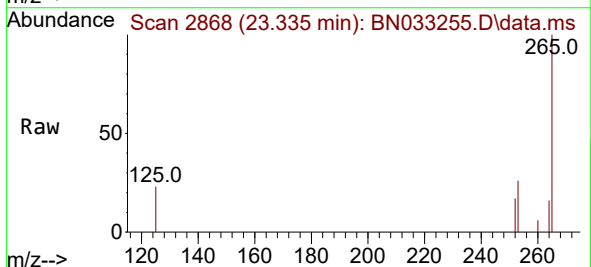
Instrument :
BNA_N
ClientSampleId :
RW7-SP201-50-20240801

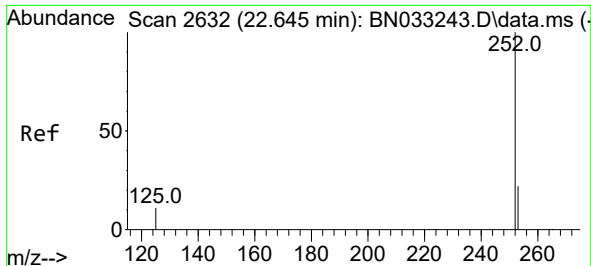
Tgt Ion:149 Resp: 976
Ion Ratio Lower Upper
149 100
167 26.0 19.8 29.6
279 20.7 8.2 12.4#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.335 min Scan# 2868
Delta R.T. 0.044 min
Lab File: BN033255.D
Acq: 06 Aug 2024 03:54

Tgt Ion:264 Resp: 784
Ion Ratio Lower Upper
264 100
260 37.9 21.4 32.2#
265 638.5 66.6 99.8#

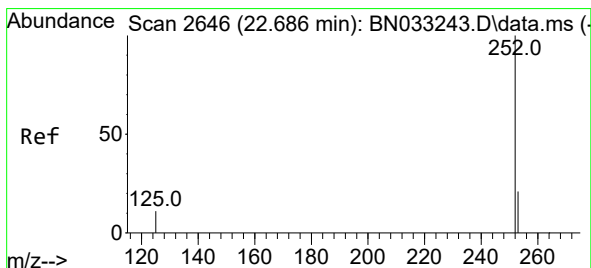
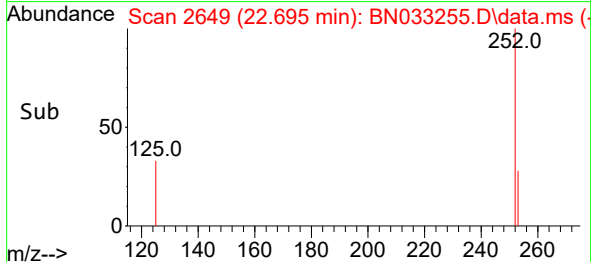
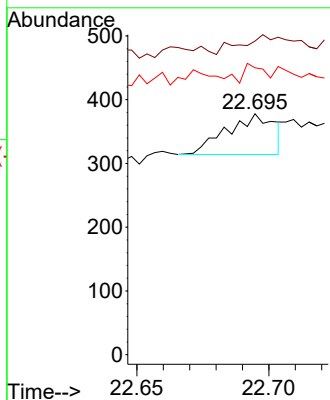
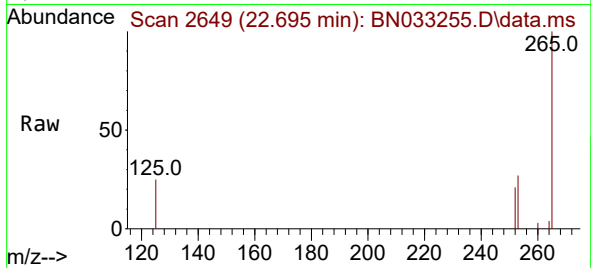




#37
Benzo(b)fluoranthene
Concen: 0.034 ng
RT: 22.695 min Scan# 2649
Delta R.T. 0.050 min
Lab File: BN033255.D
Acq: 06 Aug 2024 03:54

Instrument :
BNA_N
ClientSampleId :
RW7-SP201-50-20240801

Tgt Ion:252 Resp: 80
Ion Ratio Lower Upper
252 100
253 130.2 23.3 34.9#
125 119.0 14.6 22.0#



#38
Benzo(k)fluoranthene
Concen: 0.027 ng
RT: 22.695 min Scan# 2649
Delta R.T. 0.009 min
Lab File: BN033255.D
Acq: 06 Aug 2024 03:54

Tgt Ion:252 Resp: 80
Ion Ratio Lower Upper
252 100
253 130.2 23.7 35.5#
125 119.0 15.4 23.0#

