

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080524\
 Data File : BN033261.D
 Acq On : 06 Aug 2024 07:32
 Operator : MA/JU
 Sample : P3455-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP303-90-20240801

Quant Time: Aug 06 08:06:44 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)

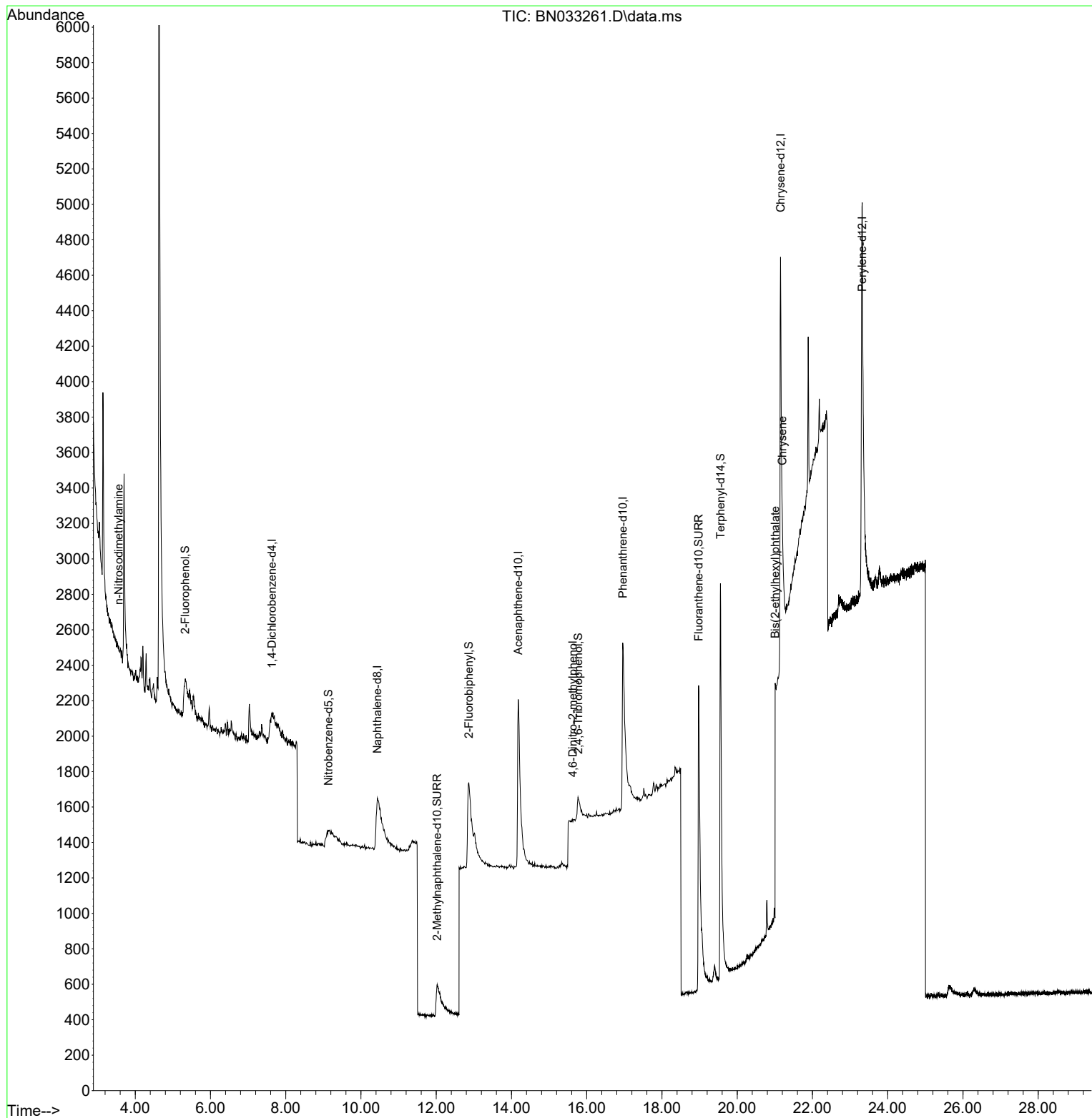
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	208	0.400	ng	# 0.12
7) Naphthalene-d8	10.436	136	2393	0.400	ng	# 0.12
13) Acenaphthene-d10	14.179	164	1826	0.400	ng	0.05
19) Phenanthrene-d10	16.957	188	4107	0.400	ng	# 0.04
29) Chrysene-d12	21.151	240	4950	0.400	ng	# 0.03
35) Perylene-d12	23.320	264	5808	0.400	ng	# 0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.329	112	75	0.146	ng	0.04
5) Phenol-d6	7.141	99	5	0.007	ng	0.15
8) Nitrobenzene-d5	9.134	82	227	0.118	ng	0.21
11) 2-Methylnaphthalene-d10	12.022	152	371	0.105	ng	0.09
14) 2,4,6-Tribromophenol	15.778	330	235	0.345	ng	0.06
15) 2-Fluorobiphenyl	12.864	172	2160	0.346	ng	0.06
27) Fluoranthene-d10	18.973	212	4919	0.428	ng	0.02
31) Terphenyl-d14	19.554	244	4990	0.584	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.140	88	15	Below Cal		Qvalue # 1
3) n-Nitrosodimethylamine	3.559	42	8	0.032	ng	# 69
20) 4,6-Dinitro-2-methylph...	15.629	198	4	0.253	ng	# 58
33) Chrysene	21.196	228	412	0.022	ng	# 39
34) Bis(2-ethylhexyl)phtha...	21.008	149	599	0.175	ng	# 86

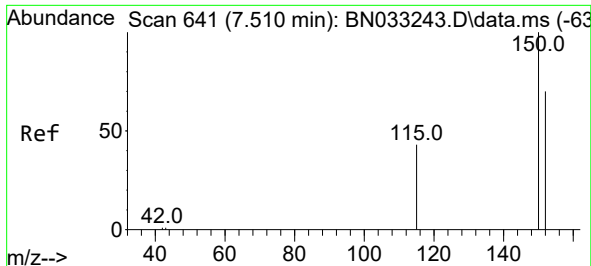
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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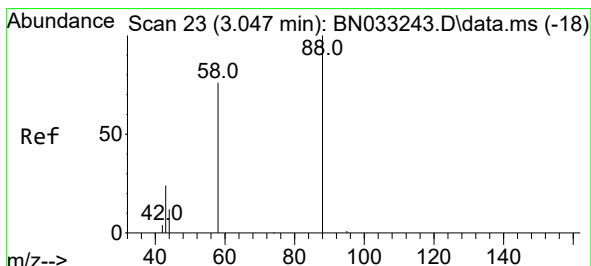
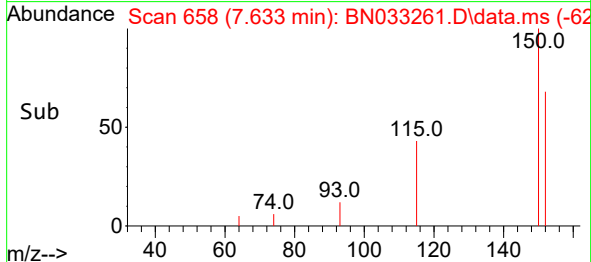
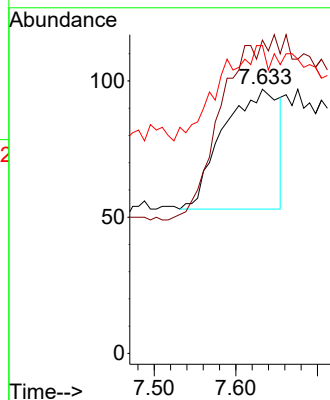
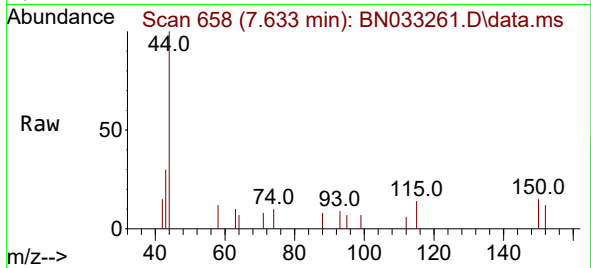




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.633 min Scan# 61
Delta R.T. 0.123 min
Lab File: BN033261.D
Acq: 06 Aug 2024 07:32

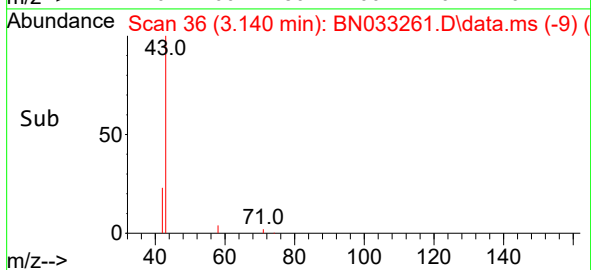
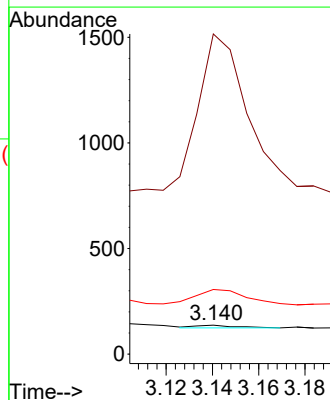
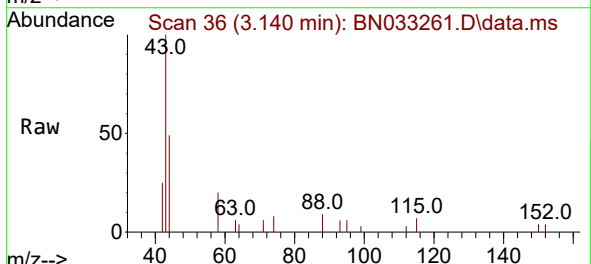
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-90-20240801

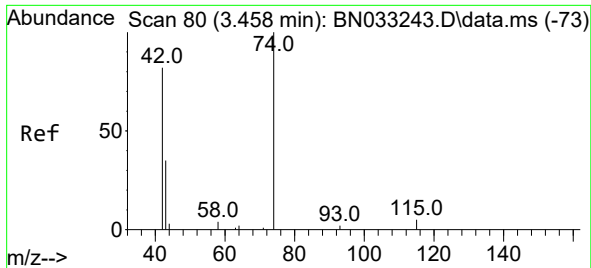
Tgt Ion:152 Resp: 208
Ion Ratio Lower Upper
152 100
150 118.6 108.2 162.2
115 116.5 70.5 105.7#



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.140 min Scan# 36
Delta R.T. 0.093 min
Lab File: BN033261.D
Acq: 06 Aug 2024 07:32

Tgt Ion: 88 Resp: 15
Ion Ratio Lower Upper
88 100
43 7226.7 18.6 28.0#
58 646.7 54.5 81.7#

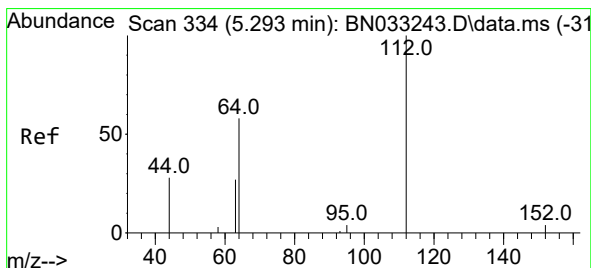
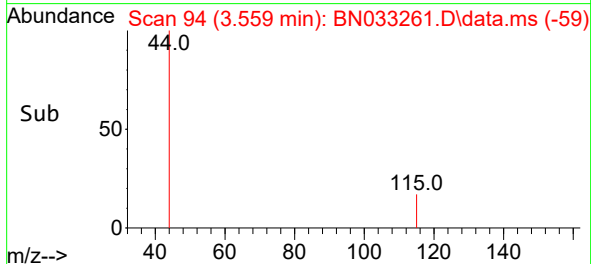
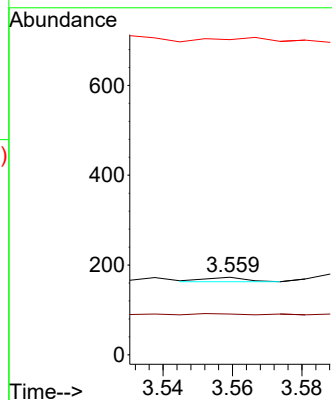
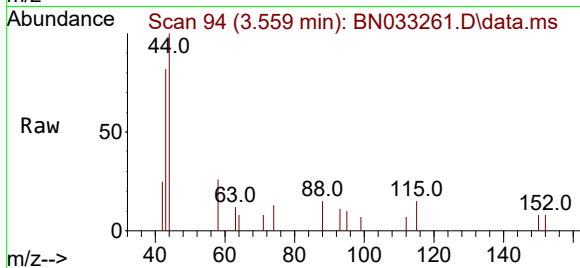




#3
n-Nitrosodimethylamine
Concen: 0.032 ng
RT: 3.559 min Scan# 94
Delta R.T. 0.101 min
Lab File: BN033261.D
Acq: 06 Aug 2024 07:32

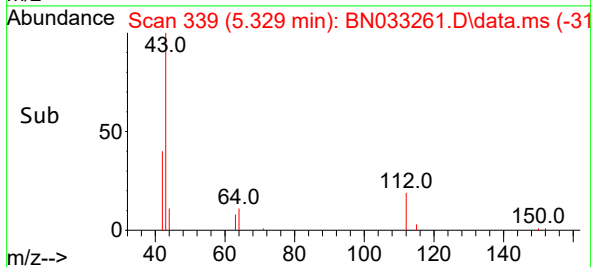
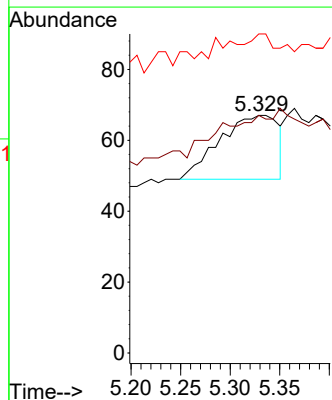
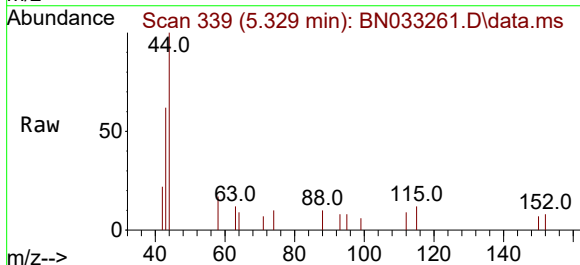
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-90-20240801

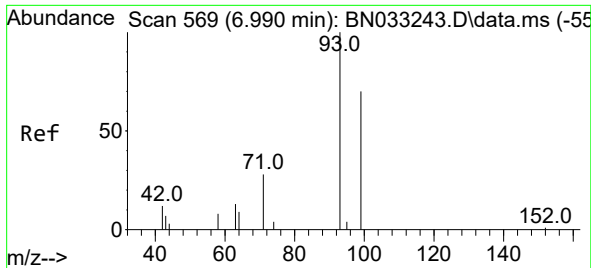
Tgt Ion: 42 Resp: 8
Ion Ratio Lower Upper
42 100
74 25.0 0.0 0.0#
44 0.0 9.6 14.4#



#4
2-Fluorophenol
Concen: 0.146 ng
RT: 5.329 min Scan# 339
Delta R.T. 0.036 min
Lab File: BN033261.D
Acq: 06 Aug 2024 07:32

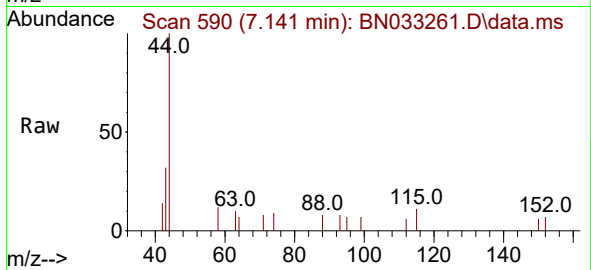
Tgt Ion: 112 Resp: 75
Ion Ratio Lower Upper
112 100
64 0.0 18.0 27.0#
63 32.0 0.0 0.0#



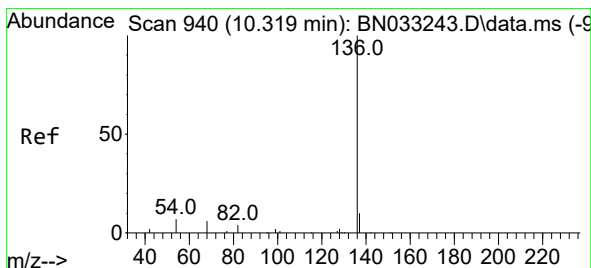
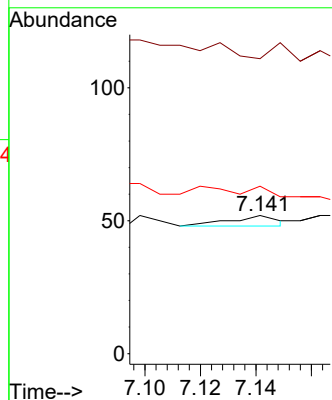
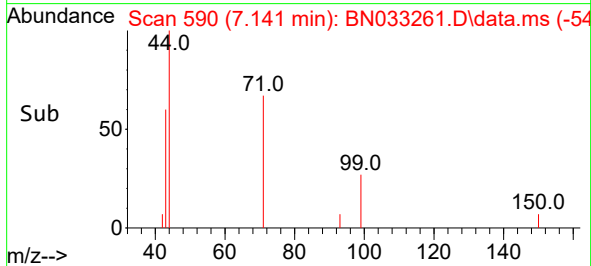


#5
Phenol-d6
Concen: 0.007 ng
RT: 7.141 min Scan# 51
Delta R.T. 0.151 min
Lab File: BN033261.D
Acq: 06 Aug 2024 07:32

Instrument :
BNA_N
ClientSampleId :
RW7-SP303-90-20240801

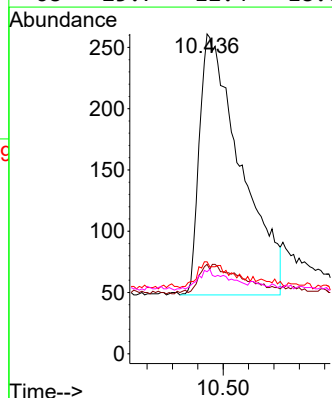
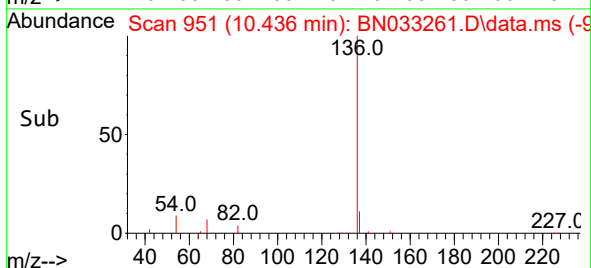
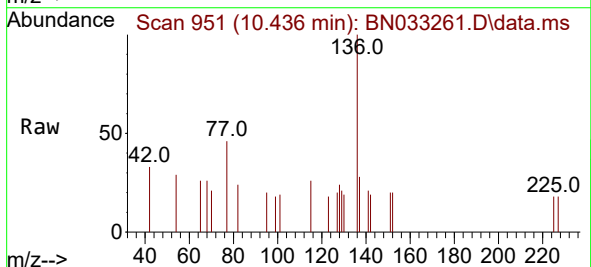


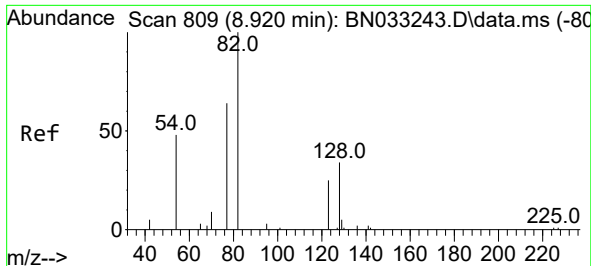
Tgt Ion: 99 Resp: 5
Ion Ratio Lower Upper
99 100
42 60.0 0.0 0.0#
71 0.0 0.0 0.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.436 min Scan# 951
Delta R.T. 0.117 min
Lab File: BN033261.D
Acq: 06 Aug 2024 07:32

Tgt Ion: 136 Resp: 2393
Ion Ratio Lower Upper
136 100
137 28.0 14.1 21.1#
54 28.7 13.8 20.8#
68 25.7 12.4 18.6#

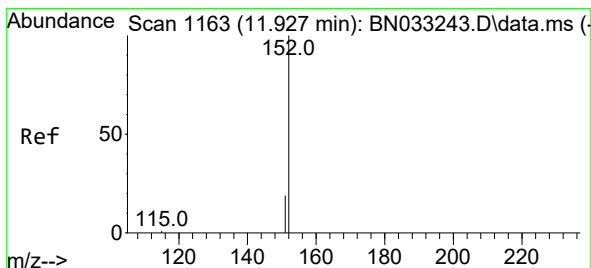
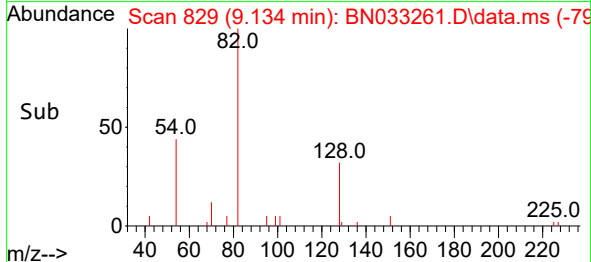
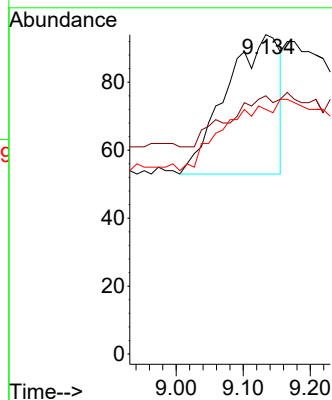
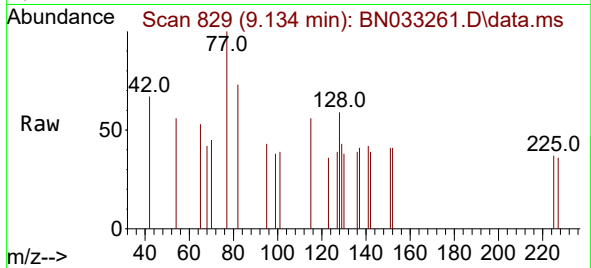




#8
Nitrobenzene-d5
Concen: 0.118 ng
RT: 9.134 min Scan# 81
Delta R.T. 0.214 min
Lab File: BN033261.D
Acq: 06 Aug 2024 07:32

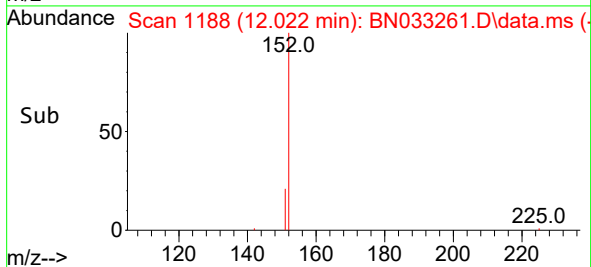
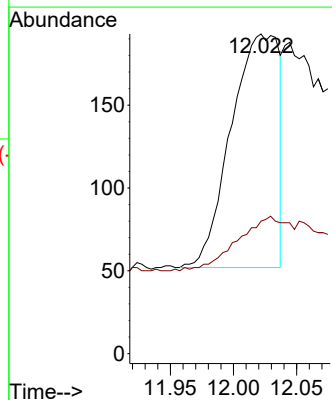
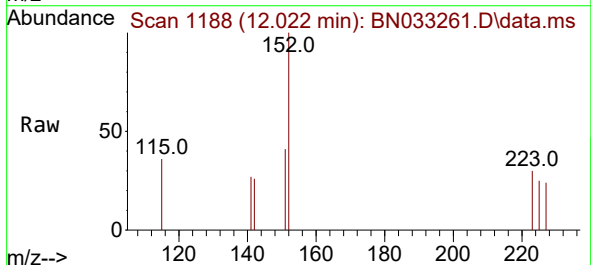
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-90-20240801

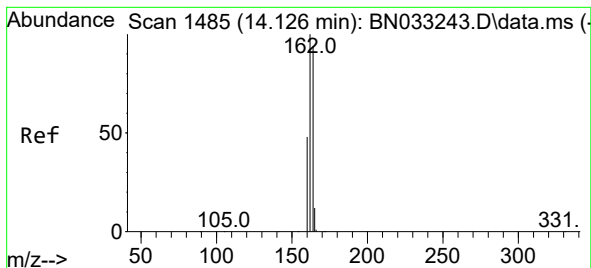
Tgt Ion: 82 Resp: 227
Ion Ratio Lower Upper
82 100
128 80.9 54.8 82.2
54 76.6 55.9 83.9



#11
2-Methylnaphthalene-d10
Concen: 0.105 ng
RT: 12.022 min Scan# 1188
Delta R.T. 0.095 min
Lab File: BN033261.D
Acq: 06 Aug 2024 07:32

Tgt Ion: 152 Resp: 371
Ion Ratio Lower Upper
152 100
151 25.6 11.9 17.9#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.179 min Scan# 1485

Delta R.T. 0.053 min

Lab File: BN033261.D

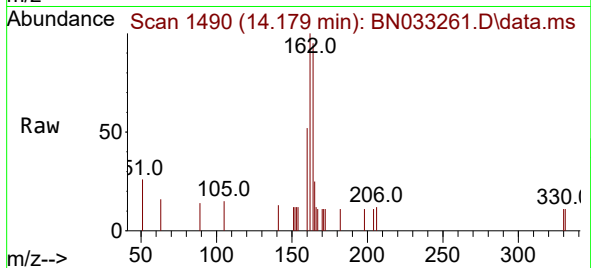
Acq: 06 Aug 2024 07:32

Instrument :

BNA_N

ClientSampleId :

RW7-SP303-90-20240801



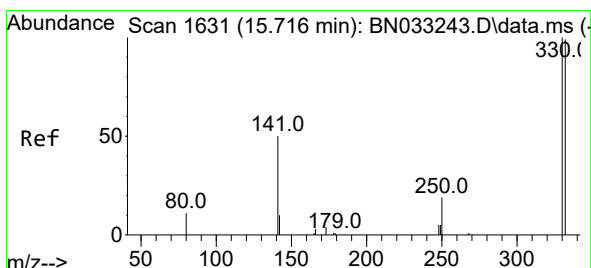
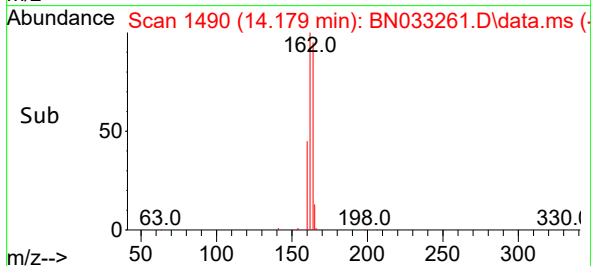
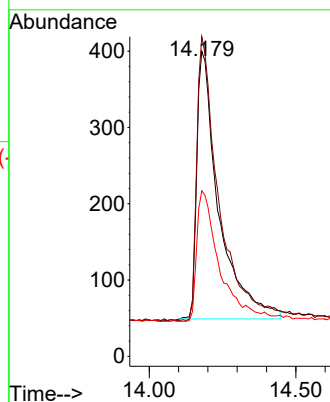
Tgt Ion:164 Resp: 1826

Ion Ratio Lower Upper

164 100

162 104.8 84.6 127.0

160 54.3 42.4 63.6



#14

2,4,6-Tribromophenol

Concen: 0.345 ng

RT: 15.778 min Scan# 1636

Delta R.T. 0.062 min

Lab File: BN033261.D

Acq: 06 Aug 2024 07:32

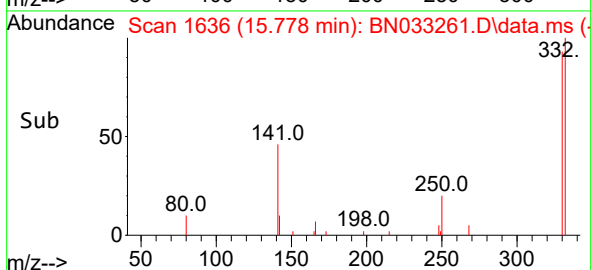
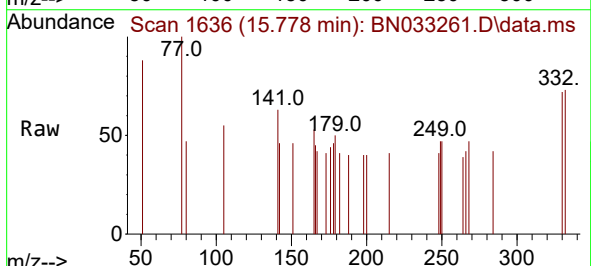
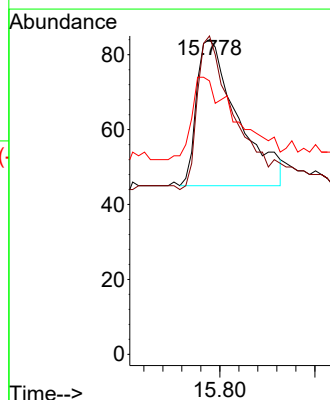
Tgt Ion:330 Resp: 235

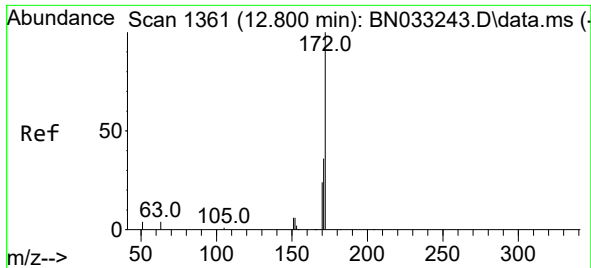
Ion Ratio Lower Upper

330 100

332 97.4 73.7 110.5

141 0.0 44.8 67.2#

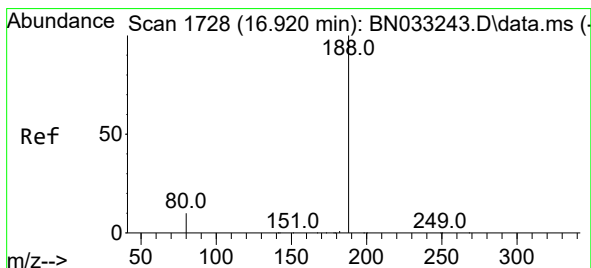
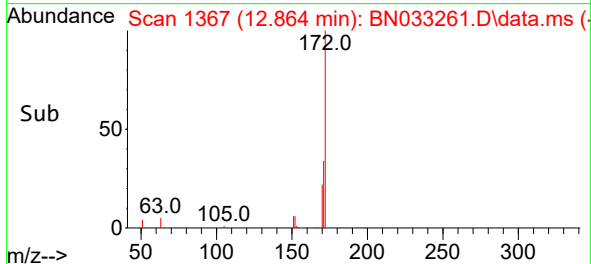
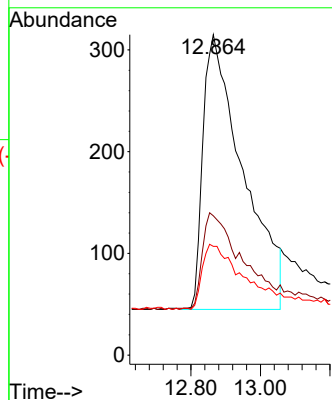
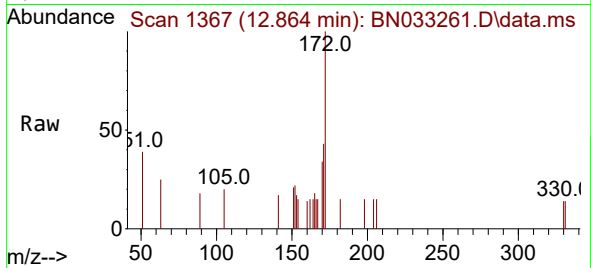




#15
2-Fluorobiphenyl
Concen: 0.346 ng
RT: 12.864 min Scan# 11
Delta R.T. 0.064 min
Lab File: BN033261.D
Acq: 06 Aug 2024 07:32

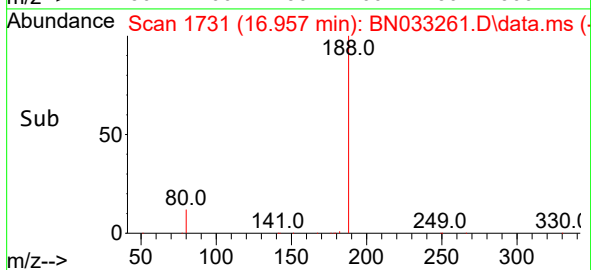
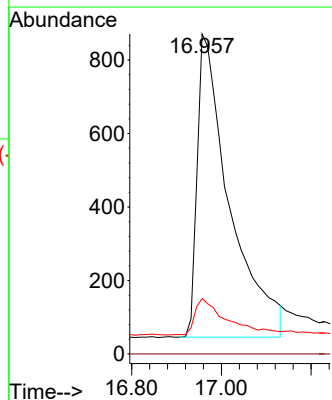
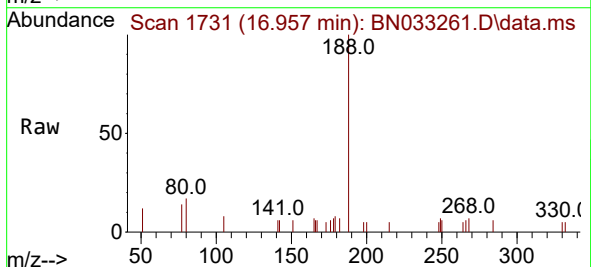
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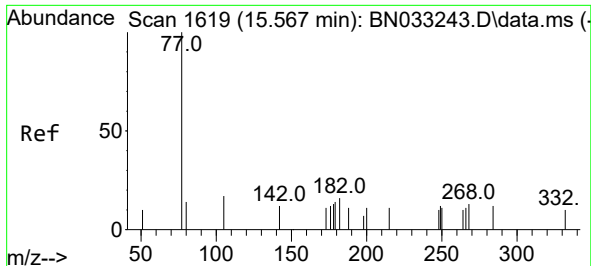
Tgt Ion:	172	Resp:	2160
Ion	Ratio	Lower	Upper
172	100		
171	43.5	32.3	48.5
170	34.0	23.4	35.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.957 min Scan# 1731
Delta R.T. 0.037 min
Lab File: BN033261.D
Acq: 06 Aug 2024 07:32

Tgt Ion:	188	Resp:	4107
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	17.3	10.2	15.4

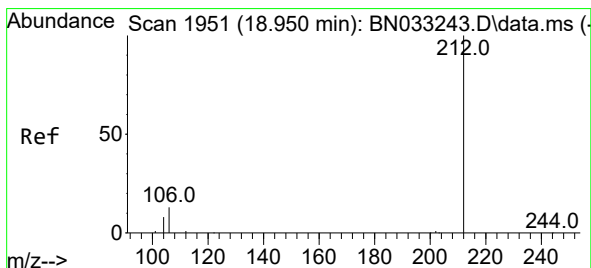
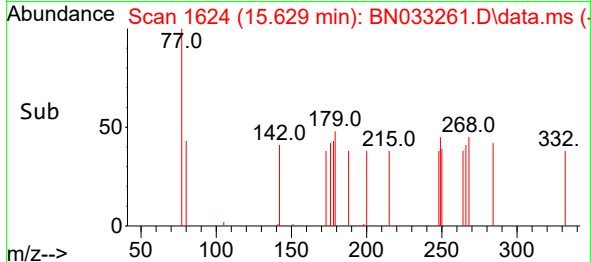
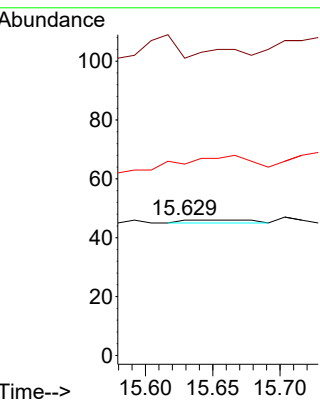
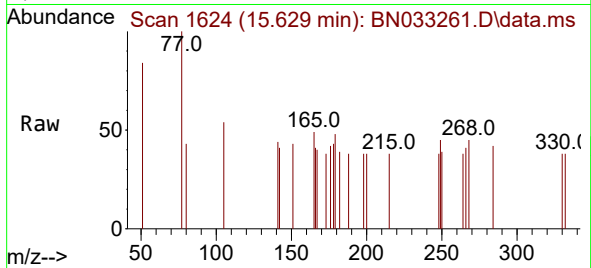




#20
4,6-Dinitro-2-methylphenol
Concen: 0.253 ng
RT: 15.629 min Scan# 1624
Delta R.T. 0.062 min
Lab File: BN033261.D
Acq: 06 Aug 2024 07:32

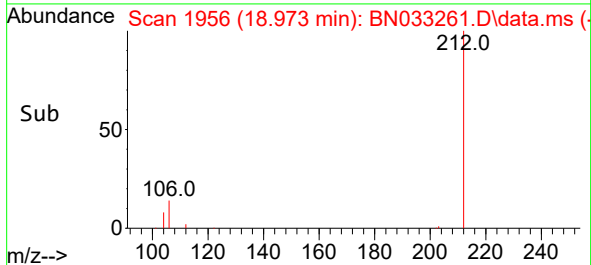
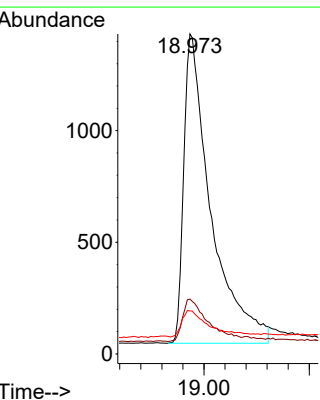
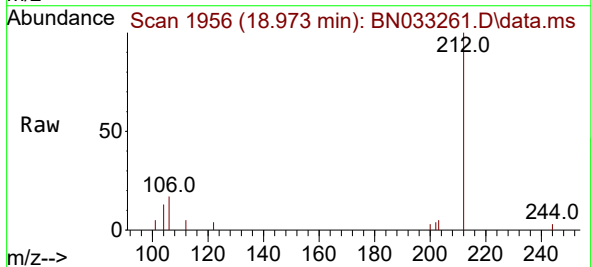
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-90-20240801

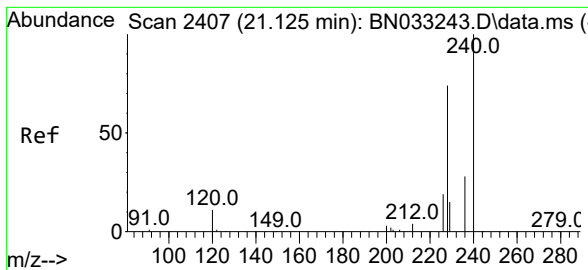
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 219.6 250.6 375.8#
105 141.3 152.6 229.0#



#27
Fluoranthene-d10
Concen: 0.428 ng
RT: 18.973 min Scan# 1956
Delta R.T. 0.023 min
Lab File: BN033261.D
Acq: 06 Aug 2024 07:32

Tgt Ion:212 Resp: 4919
Ion Ratio Lower Upper
212 100
106 12.9 11.4 17.0
104 8.8 7.1 10.7





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.151 min Scan# 2407

Delta R.T. 0.026 min

Lab File: BN033261.D

Acq: 06 Aug 2024 07:32

Instrument :

BNA_N

ClientSampleId :

RW7-SP303-90-20240801

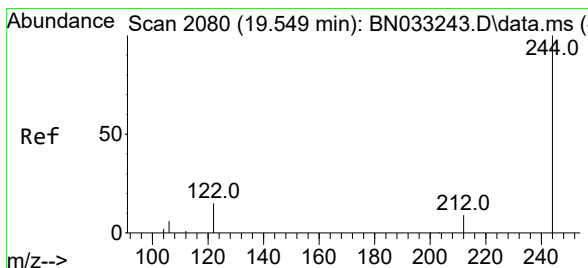
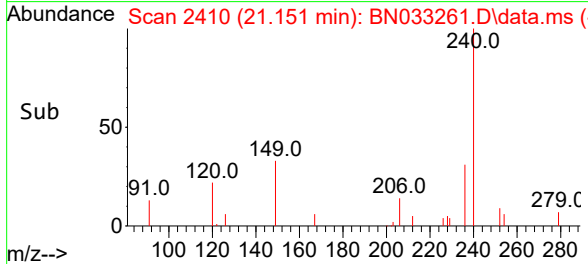
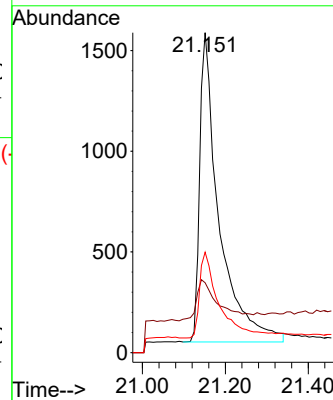
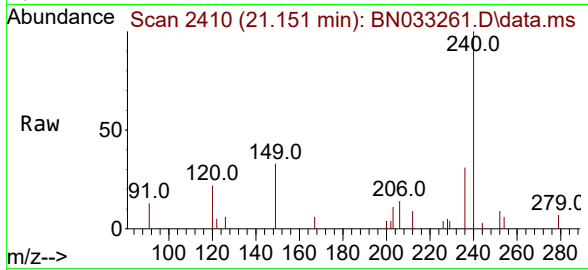
Tgt Ion:240 Resp: 4950

Ion Ratio Lower Upper

240 100

120 21.8 13.3 19.9#

236 31.4 23.8 35.6



#31

Terphenyl-d14

Concen: 0.584 ng

RT: 19.554 min Scan# 2081

Delta R.T. 0.005 min

Lab File: BN033261.D

Acq: 06 Aug 2024 07:32

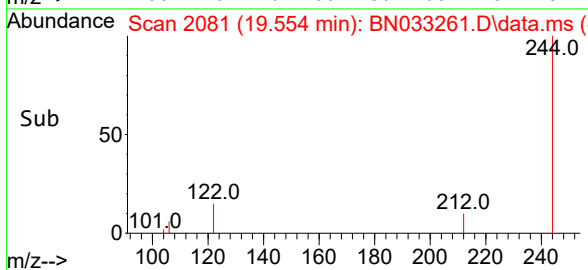
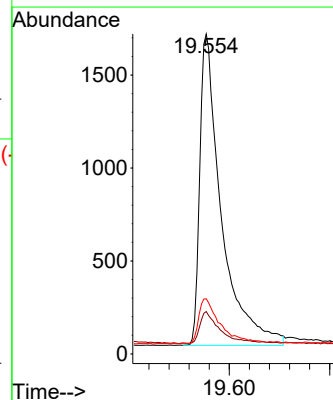
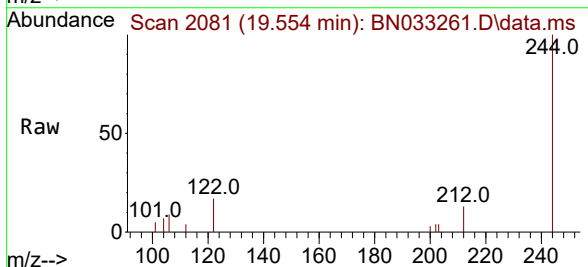
Tgt Ion:244 Resp: 4990

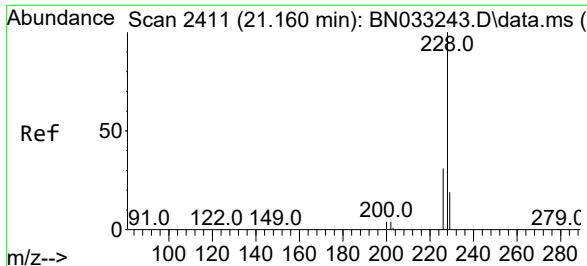
Ion Ratio Lower Upper

244 100

212 13.2 9.9 14.9

122 17.3 14.1 21.1





#33

Chrysene

Concen: 0.022 ng

RT: 21.196 min Scan# 2415

Delta R.T. 0.036 min

Lab File: BN033261.D

Acq: 06 Aug 2024 07:32

Instrument :

BNA_N

ClientSampleId :

RW7-SP303-90-20240801

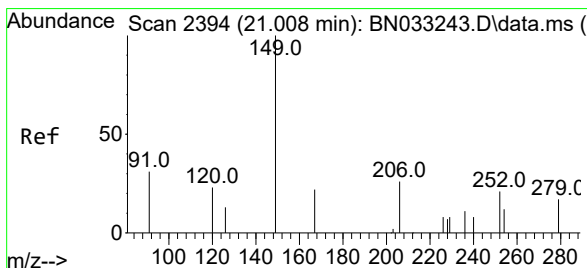
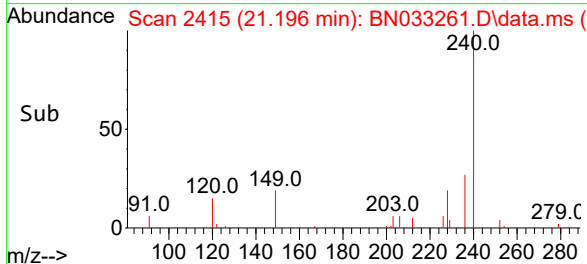
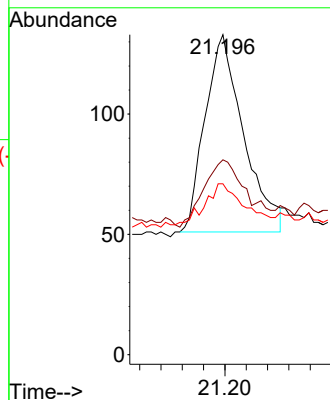
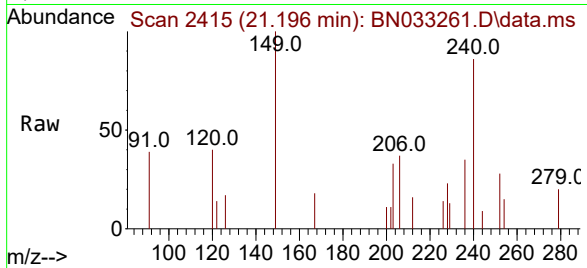
Tgt Ion:228 Resp: 412

Ion Ratio Lower Upper

228 100

226 60.9 25.1 37.7#

229 53.4 16.2 24.2#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.175 ng

RT: 21.008 min Scan# 2394

Delta R.T. -0.000 min

Lab File: BN033261.D

Acq: 06 Aug 2024 07:32

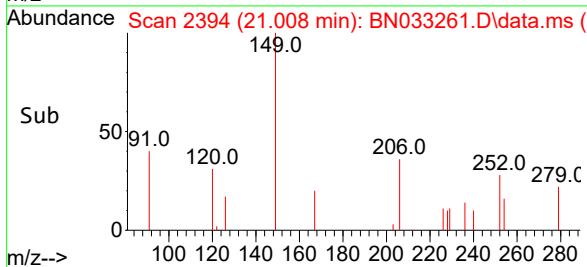
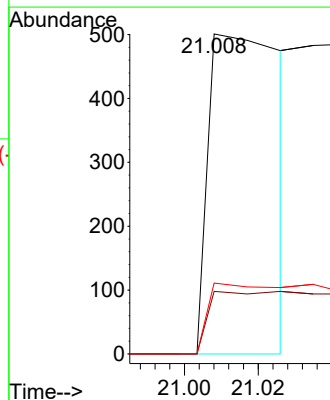
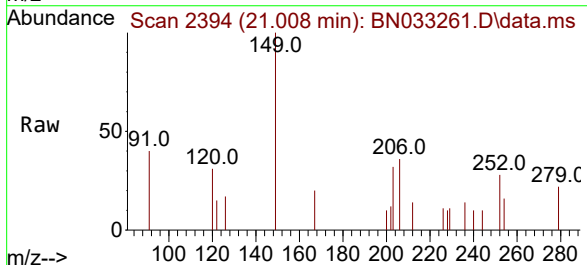
Tgt Ion:149 Resp: 599

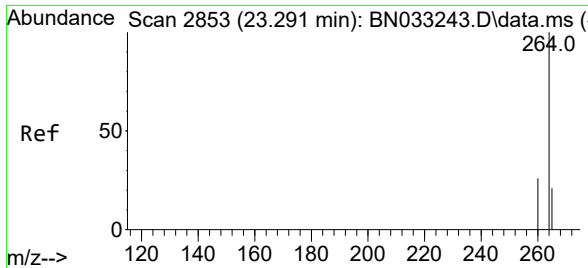
Ion Ratio Lower Upper

149 100

167 27.9 19.8 29.6

279 21.9 8.2 12.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.320 min Scan# 21
Delta R.T. 0.029 min
Lab File: BN033261.D
Acq: 06 Aug 2024 07:32

Instrument :
BNA_N
ClientSampleId :
RW7-SP303-90-20240801

Tgt Ion:264	Resp:	5808
Ion	Ratio	Lower Upper
264	100	
260	27.7	21.4 32.2
265	124.0	66.6 99.8

