

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082024\
 Data File : BN033521.D
 Acq On : 21 Aug 2024 00:18
 Operator : MA/JU
 Sample : P3650-01DL 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20240814DL

Quant Time: Aug 21 02:06:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 23:32:18 2024
 Response via : Initial Calibration

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

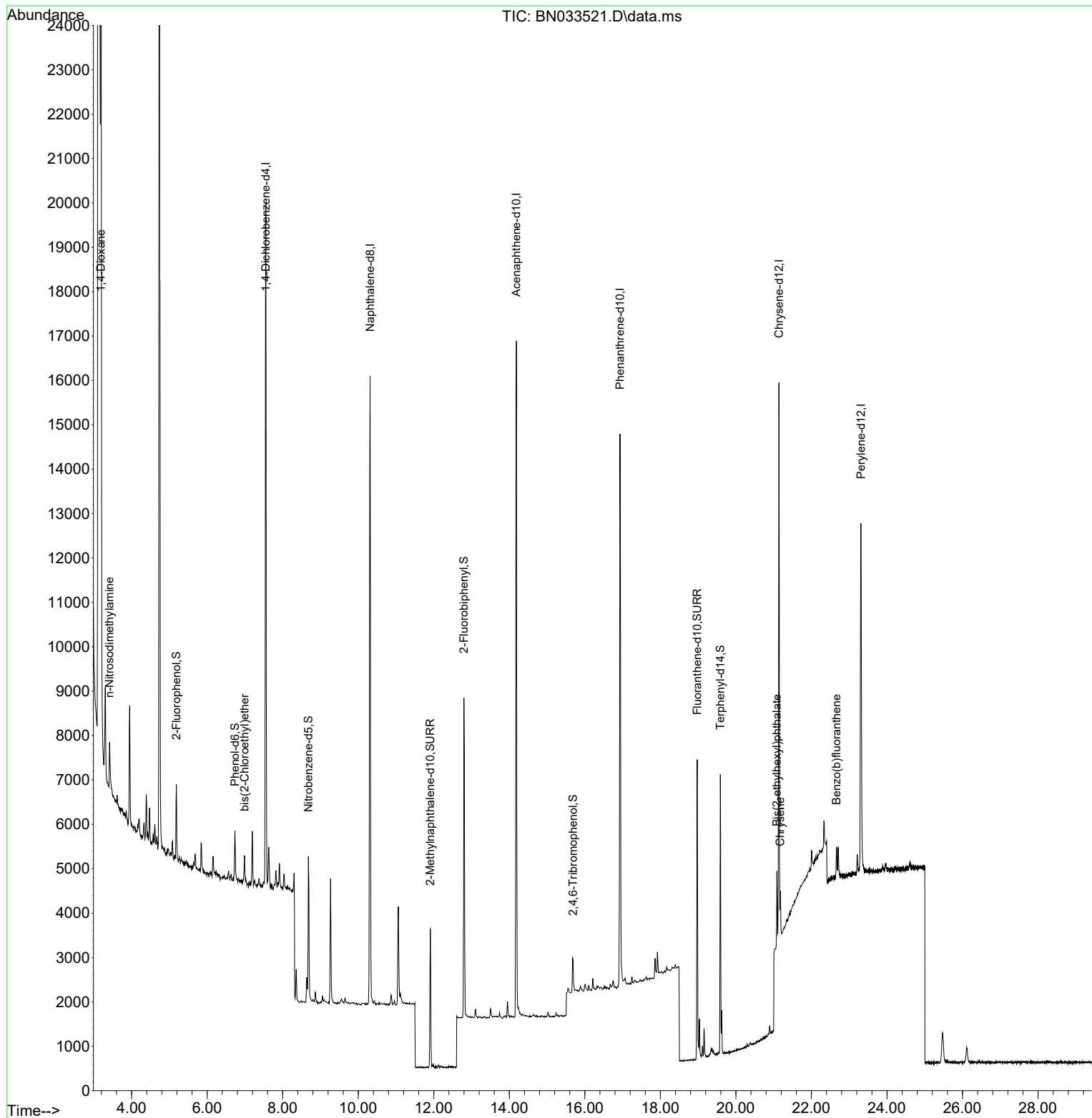
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	7175	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	18576	0.400	ng	# 0.00
13) Acenaphthene-d10	14.189	164	8901	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	17652	0.400	ng	#-0.01
29) Chrysene-d12	21.139	240	10497	0.400	ng	0.00
35) Perylene-d12	23.309	264	10472	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	1228	0.054	ng	0.00
5) Phenol-d6	6.736	99	880	0.032	ng	0.00
8) Nitrobenzene-d5	8.681	82	2519	0.164	ng	-0.01
11) 2-Methylnaphthalene-d10	11.907	152	4243	0.160	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	530	0.111	ng	0.00
15) 2-Fluorobiphenyl	12.799	172	6304	0.173	ng	-0.01
27) Fluoranthene-d10	18.975	212	7461	0.176	ng	0.00
31) Terphenyl-d14	19.588	244	5522	0.231	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.183	88	22648	2.743	ng	96
3) n-Nitrosodimethylamine	3.414	42	320	0.033	ng	# 1
6) bis(2-Chloroethyl)ether	6.989	93	401	0.021	ng	97
33) Chrysene	21.175	228	775	0.021	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.085	149	6783	0.282	ng	# 67
37) Benzo(b)fluoranthene	22.665	252	834	0.021	ng	# 1

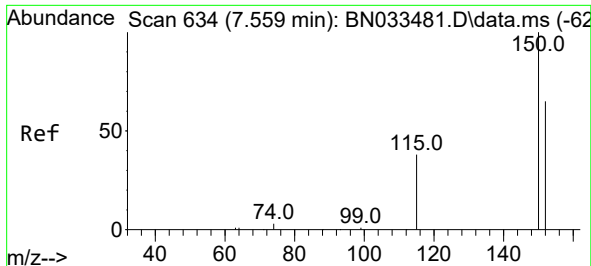
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RW7-SP100-20240814DL

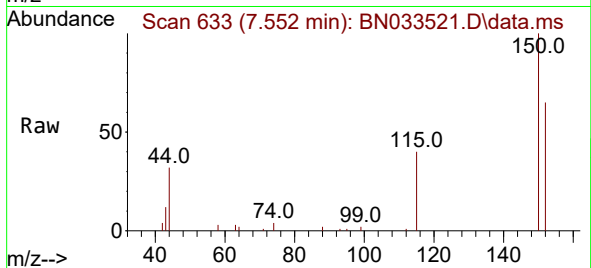
Quant Time: Aug 21 02:06:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
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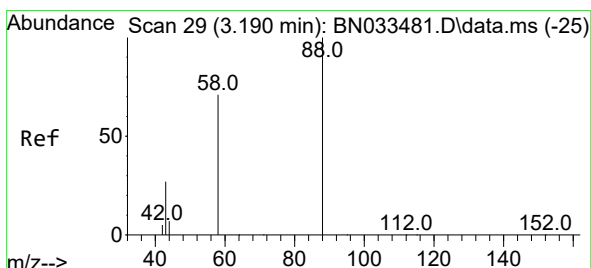
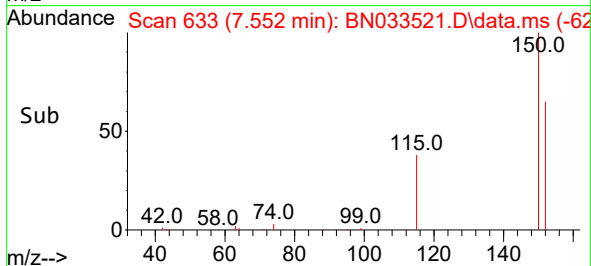
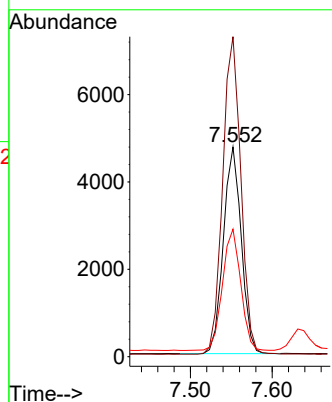


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.552 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN033521.D
 Acq: 21 Aug 2024 00:18

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20240814DL

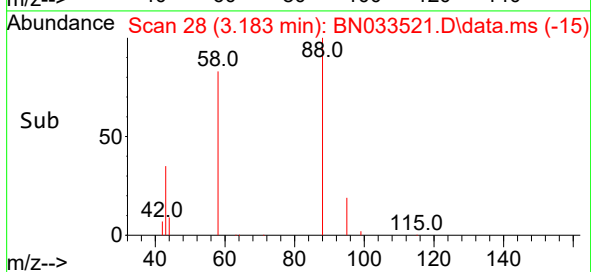
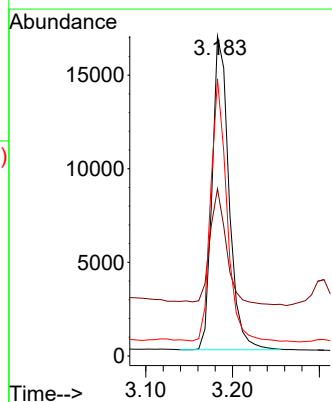
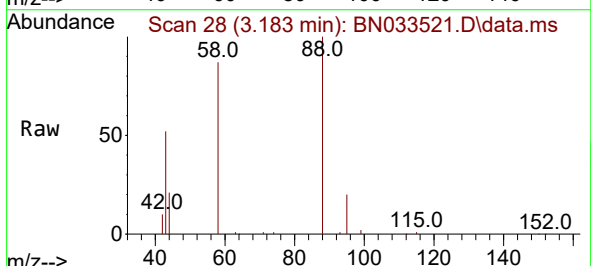


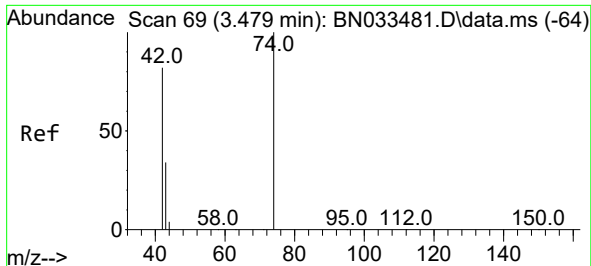
Tgt Ion:152 Resp: 7175
 Ion Ratio Lower Upper
 152 100
 150 152.7 122.2 183.2
 115 60.9 47.2 70.8



#2
 1,4-Dioxane
 Concen: 2.743 ng
 RT: 3.183 min Scan# 28
 Delta R.T. -0.007 min
 Lab File: BN033521.D
 Acq: 21 Aug 2024 00:18

Tgt Ion: 88 Resp: 22648
 Ion Ratio Lower Upper
 88 100
 43 36.0 25.0 37.4
 58 80.0 62.5 93.7

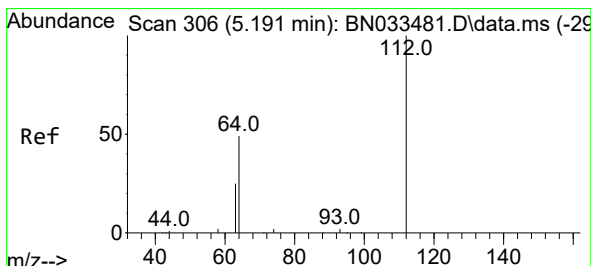
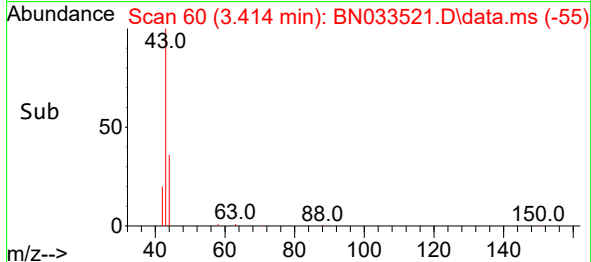
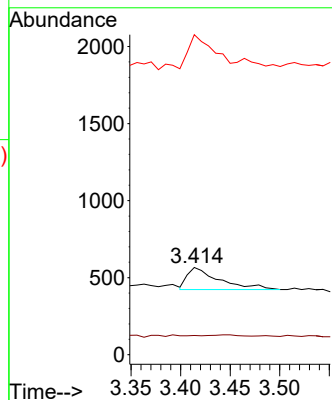
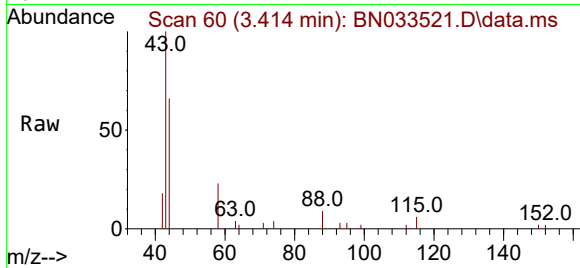




#3
n-Nitrosodimethylamine
Concen: 0.033 ng
RT: 3.414 min Scan# 60
Delta R.T. -0.065 min
Lab File: BN033521.D
Acq: 21 Aug 2024 00:18

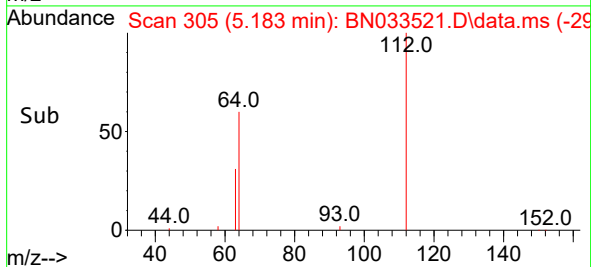
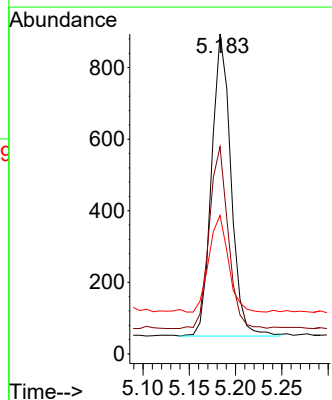
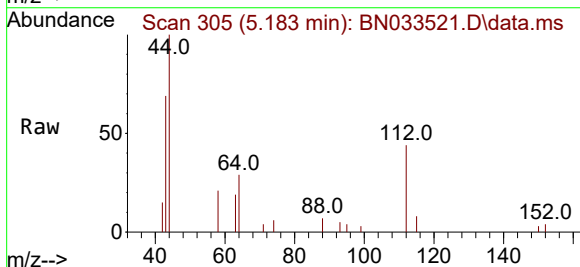
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240814DL

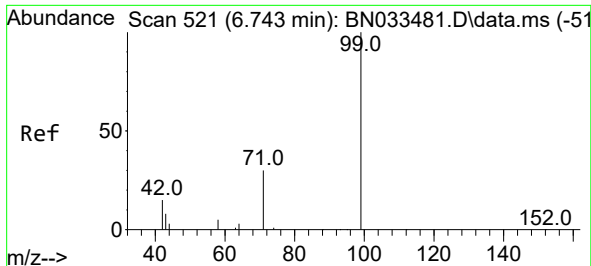
Tgt Ion: 42 Resp: 320
Ion Ratio Lower Upper
42 100
74 0.0 100.2 150.2#
44 125.0 5.3 7.9#



#4
2-Fluorophenol
Concen: 0.054 ng
RT: 5.183 min Scan# 305
Delta R.T. -0.007 min
Lab File: BN033521.D
Acq: 21 Aug 2024 00:18

Tgt Ion: 112 Resp: 1228
Ion Ratio Lower Upper
112 100
64 58.7 47.1 70.7
63 32.3 24.9 37.3

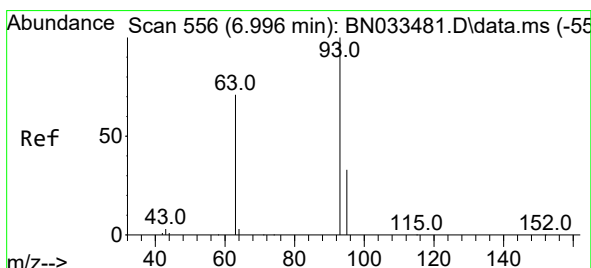
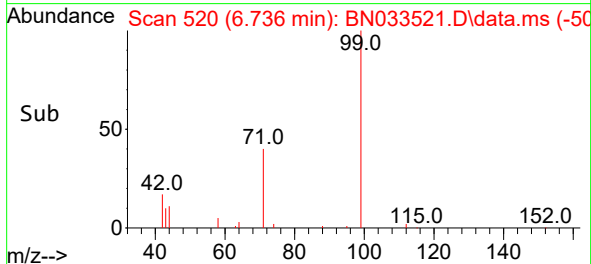
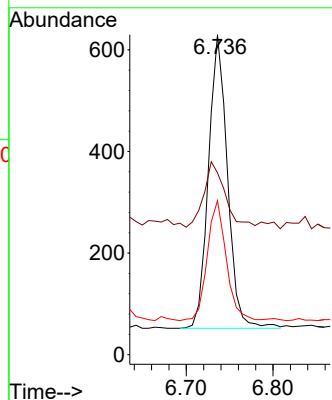
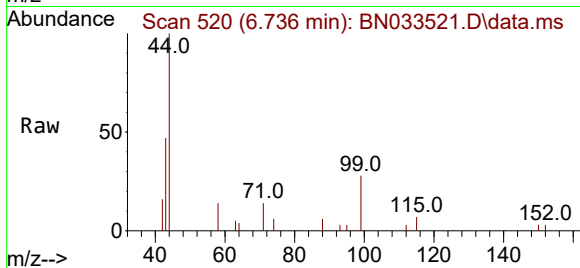




#5
Phenol-d6
Concen: 0.032 ng
RT: 6.736 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN033521.D
Acq: 21 Aug 2024 00:18

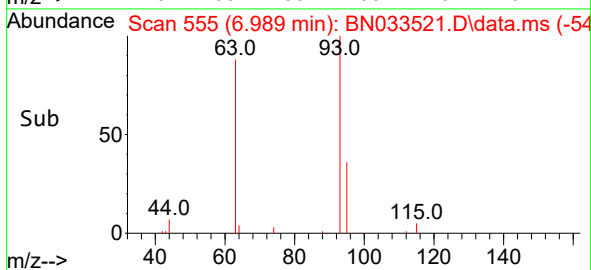
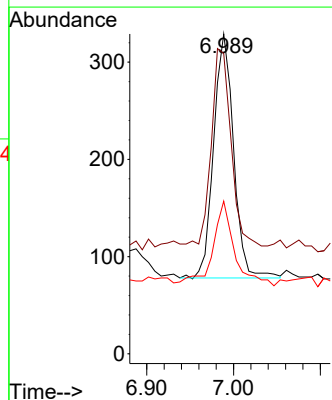
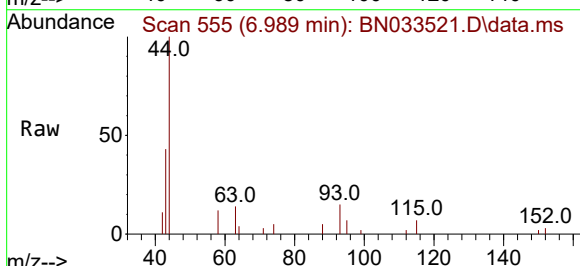
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240814DL

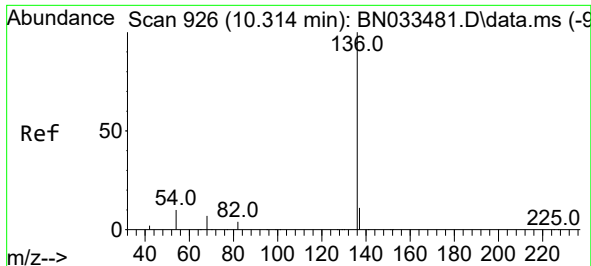
Tgt Ion: 99 Resp: 880
Ion Ratio Lower Upper
99 100
42 25.1 16.6 24.8#
71 40.9 26.2 39.4#



#6
bis(2-Chloroethyl)ether
Concen: 0.021 ng
RT: 6.989 min Scan# 555
Delta R.T. -0.007 min
Lab File: BN033521.D
Acq: 21 Aug 2024 00:18

Tgt Ion: 93 Resp: 401
Ion Ratio Lower Upper
93 100
63 78.8 63.0 94.4
95 37.9 26.0 39.0

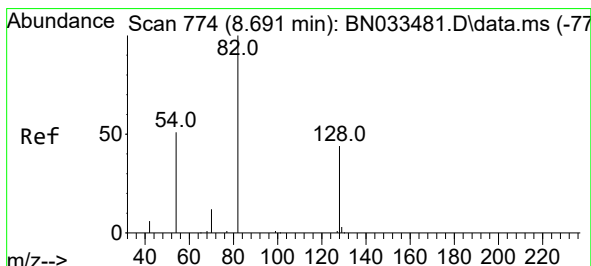
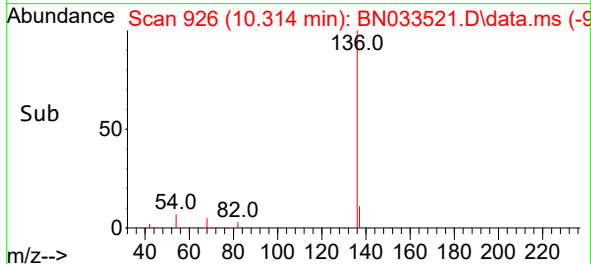
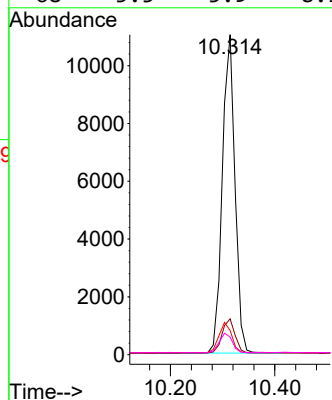
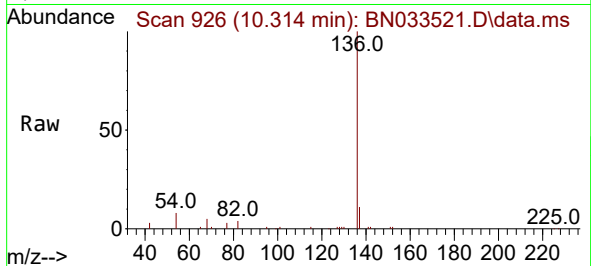




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.314 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN033521.D
Acq: 21 Aug 2024 00:18

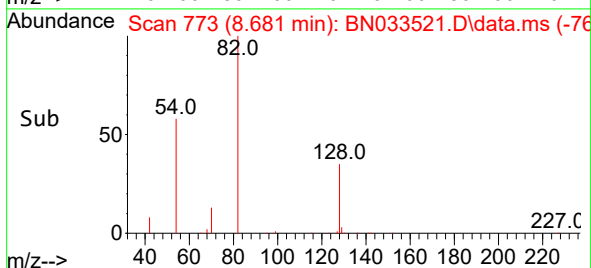
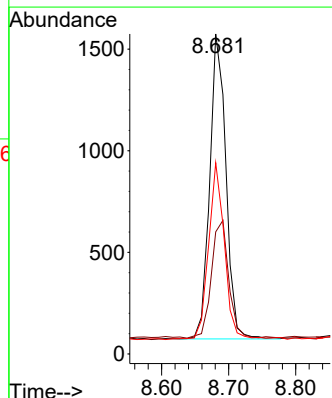
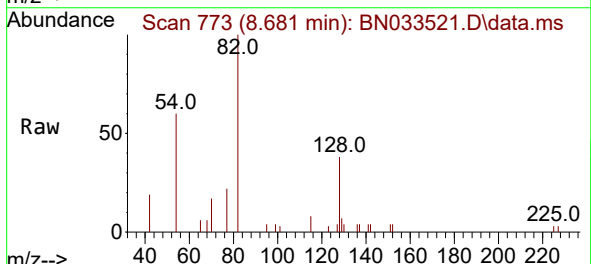
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240814DL

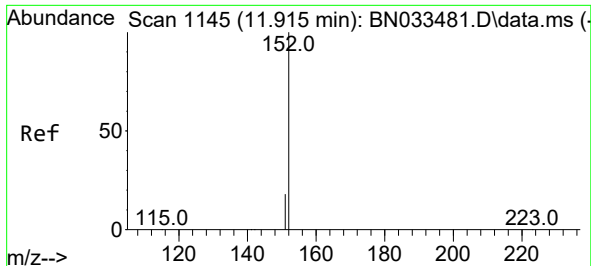
Tgt Ion:	136	Resp:	18576
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.6
54	7.6	8.3	12.5#
68	5.5	5.9	8.9#



#8
Nitrobenzene-d5
Concen: 0.164 ng
RT: 8.681 min Scan# 773
Delta R.T. -0.011 min
Lab File: BN033521.D
Acq: 21 Aug 2024 00:18

Tgt Ion:	82	Resp:	2519
Ion Ratio	Lower	Upper	
82	100		
128	38.2	36.0	54.0
54	59.7	42.0	63.0

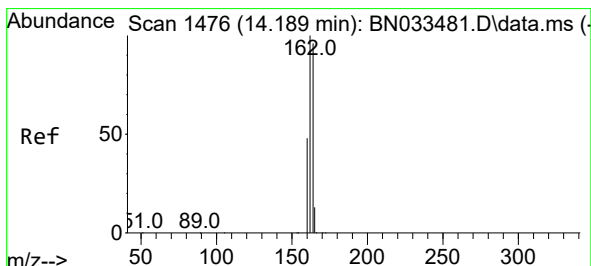
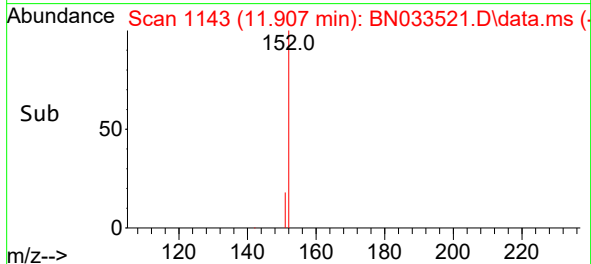
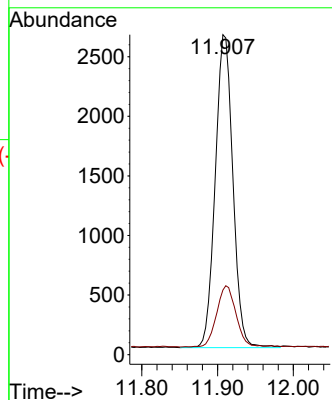
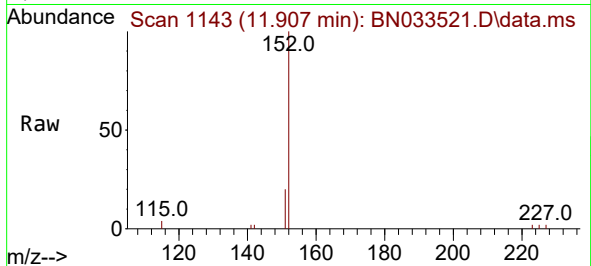




#11
2-Methylnaphthalene-d10
Concen: 0.160 ng
RT: 11.907 min Scan# 1143
Delta R.T. -0.008 min
Lab File: BN033521.D
Acq: 21 Aug 2024 00:18

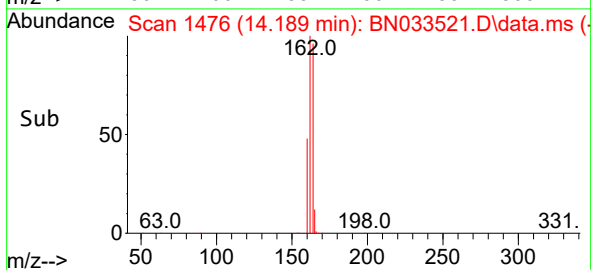
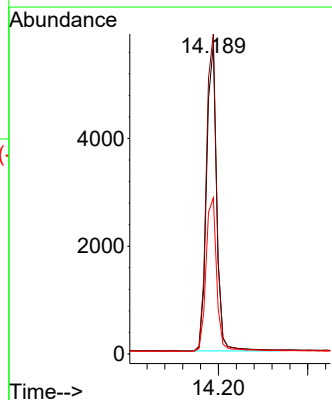
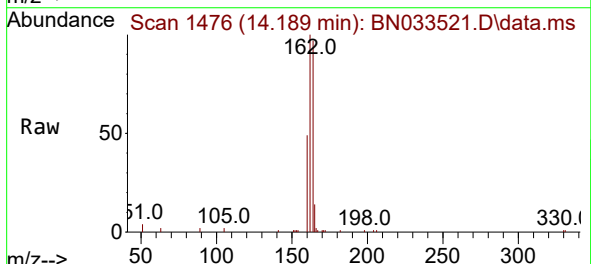
Instrument :
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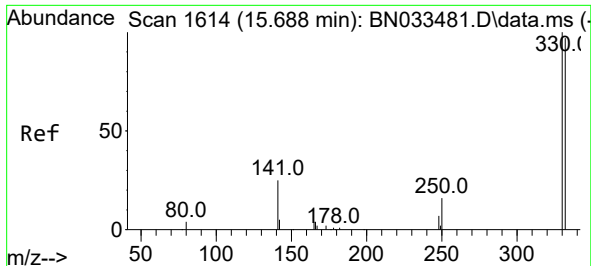
Tgt Ion:152 Resp: 4243
Ion Ratio Lower Upper
152 100
151 21.5 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.189 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BN033521.D
Acq: 21 Aug 2024 00:18

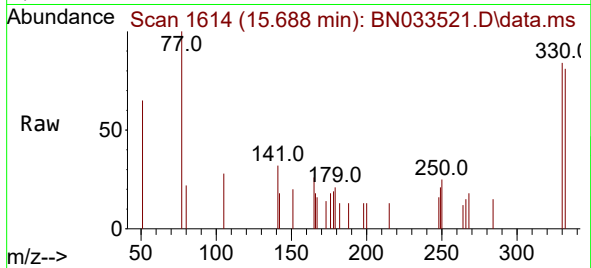
Tgt Ion:164 Resp: 8901
Ion Ratio Lower Upper
164 100
162 103.6 83.5 125.3
160 50.5 40.2 60.4



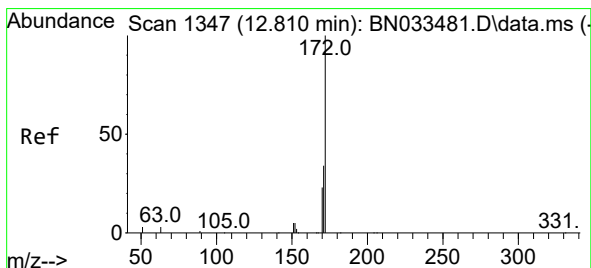
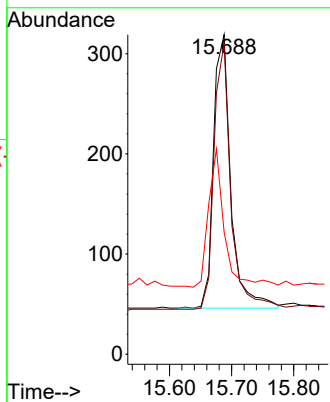
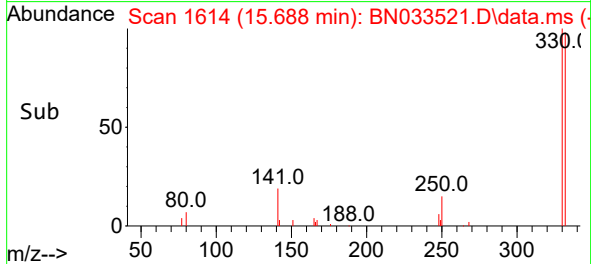


#14
2,4,6-Tribromophenol
Concen: 0.111 ng
RT: 15.688 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033521.D
Acq: 21 Aug 2024 00:18

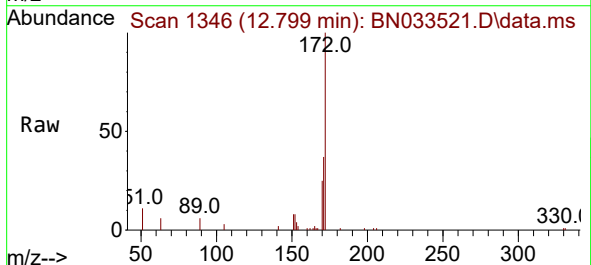
Instrument :
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ClientSampleId :
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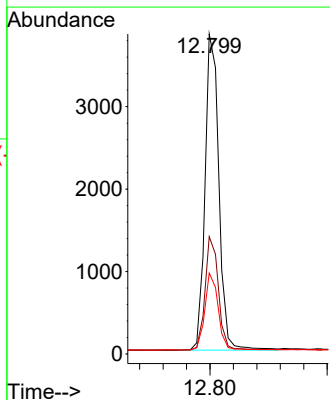
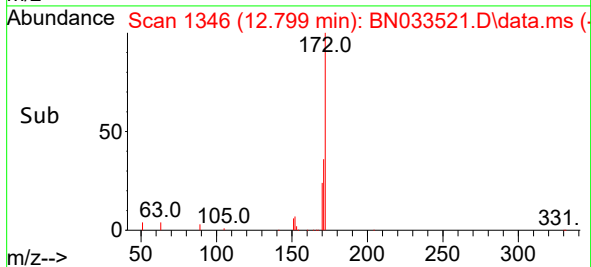
Tgt Ion:330 Resp: 530
Ion Ratio Lower Upper
330 100
332 94.3 77.5 116.3
141 44.9 33.9 50.9

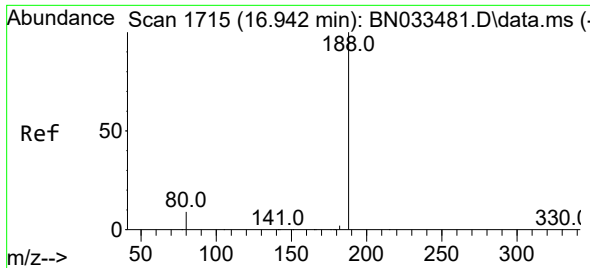


#15
2-Fluorobiphenyl
Concen: 0.173 ng
RT: 12.799 min Scan# 1346
Delta R.T. -0.011 min
Lab File: BN033521.D
Acq: 21 Aug 2024 00:18



Tgt Ion:172 Resp: 6304
Ion Ratio Lower Upper
172 100
171 36.7 27.7 41.5
170 25.3 18.3 27.5

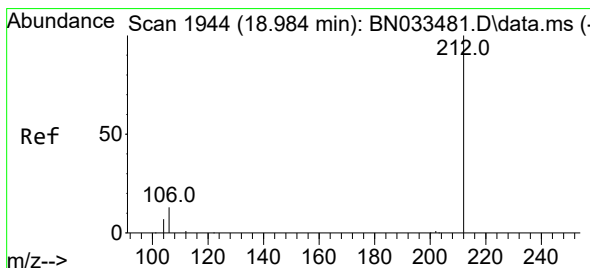
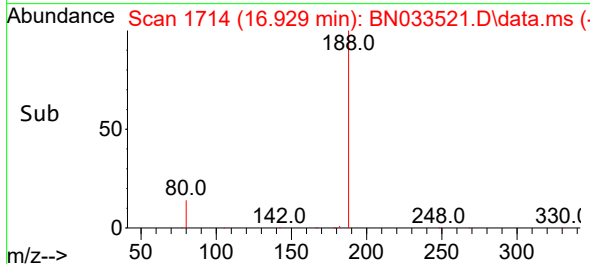
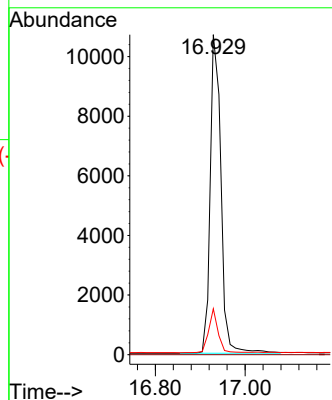
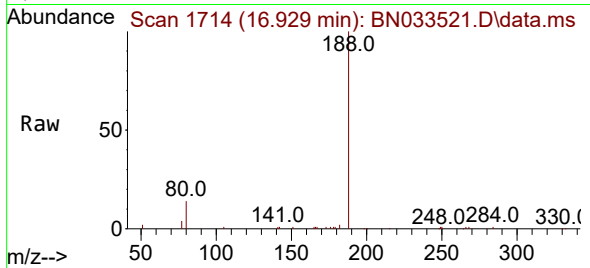




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.929 min Scan# 1714
Delta R.T. -0.013 min
Lab File: BN033521.D
Acq: 21 Aug 2024 00:18

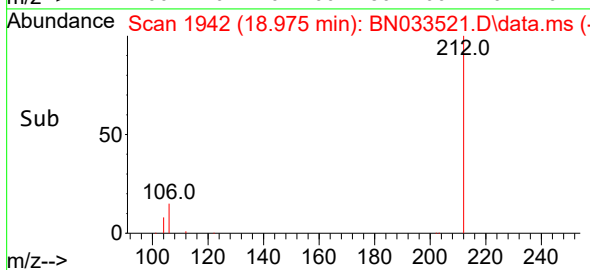
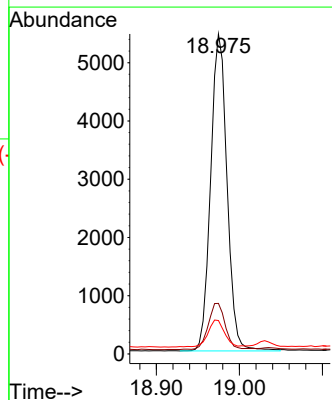
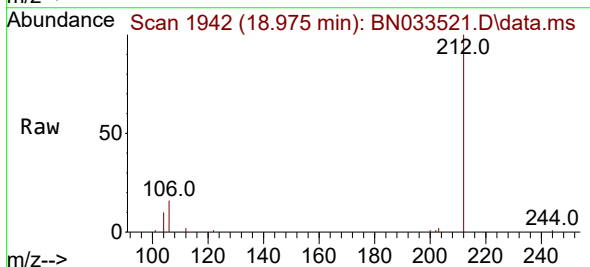
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240814DL

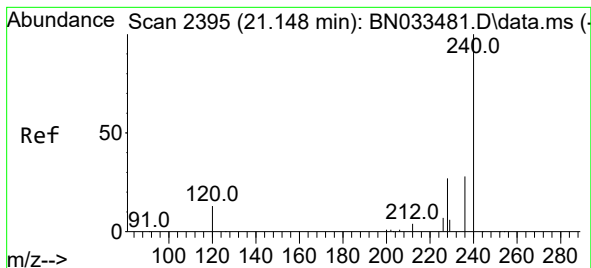
Tgt Ion:188 Resp: 17652
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.3 7.8 11.8#



#27
Fluoranthene-d10
Concen: 0.176 ng
RT: 18.975 min Scan# 1942
Delta R.T. -0.009 min
Lab File: BN033521.D
Acq: 21 Aug 2024 00:18

Tgt Ion:212 Resp: 7461
Ion Ratio Lower Upper
212 100
106 15.3 12.3 18.5
104 8.9 7.0 10.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.139 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN033521.D

Acq: 21 Aug 2024 00:18

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20240814DL

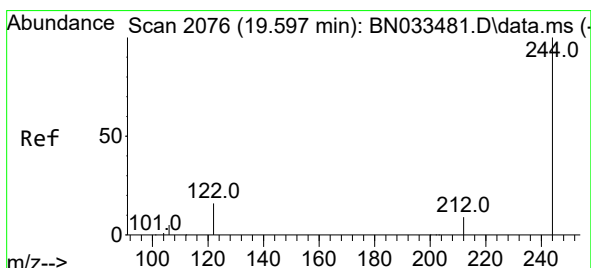
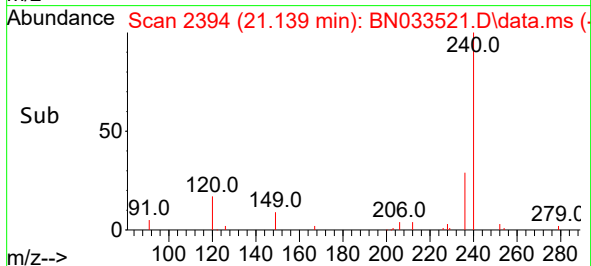
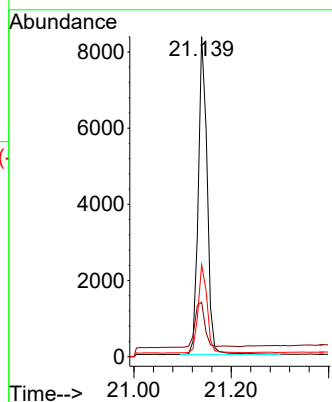
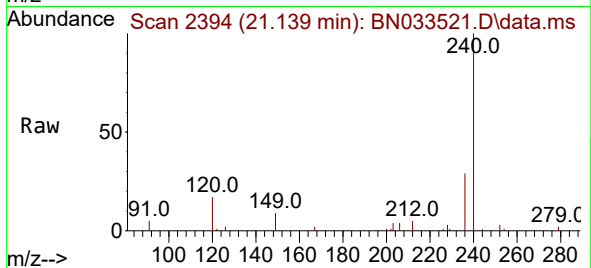
Tgt Ion:240 Resp: 10497

Ion Ratio Lower Upper

240 100

120 17.0 12.4 18.6

236 28.7 23.0 34.6



#31

Terphenyl-d14

Concen: 0.231 ng

RT: 19.588 min Scan# 2074

Delta R.T. -0.009 min

Lab File: BN033521.D

Acq: 21 Aug 2024 00:18

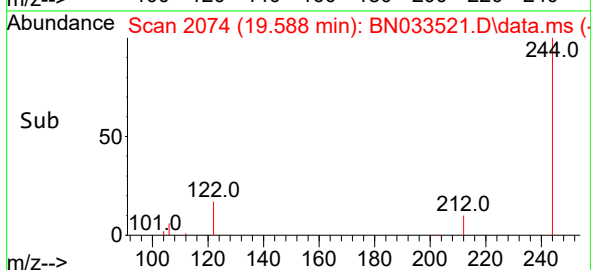
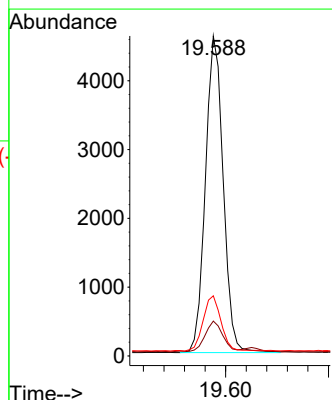
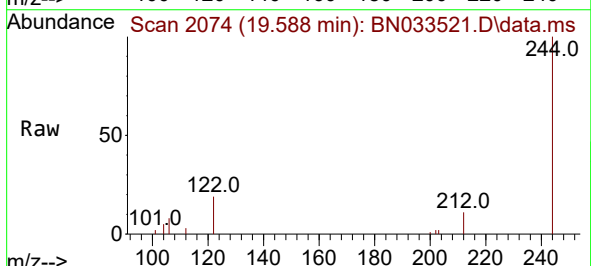
Tgt Ion:244 Resp: 5522

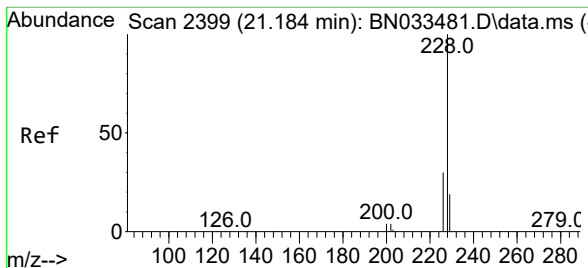
Ion Ratio Lower Upper

244 100

212 10.9 7.8 11.6

122 18.8 13.3 19.9





#33

Chrysene

Concen: 0.021 ng

RT: 21.175 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN033521.D

Acq: 21 Aug 2024 00:18

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20240814DL

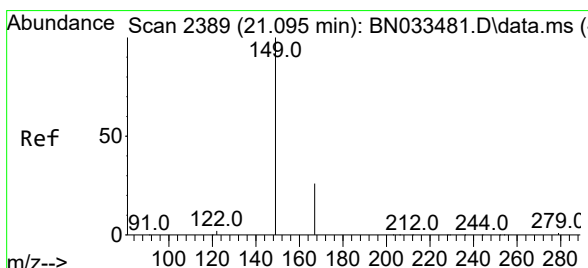
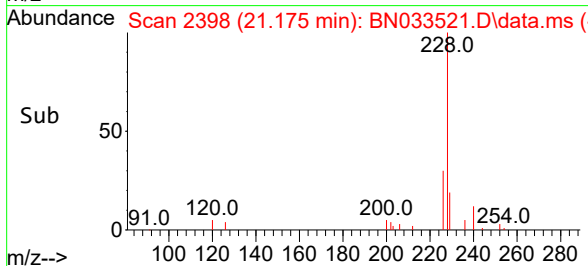
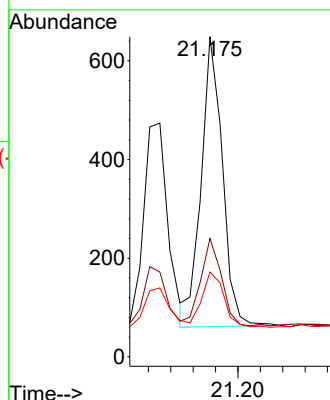
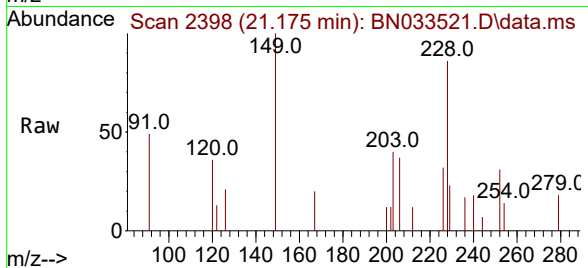
Tgt Ion:228 Resp: 775

Ion Ratio Lower Upper

228 100

226 37.0 23.8 35.8#

229 26.5 15.6 23.4#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.282 ng

RT: 21.085 min Scan# 2388

Delta R.T. -0.009 min

Lab File: BN033521.D

Acq: 21 Aug 2024 00:18

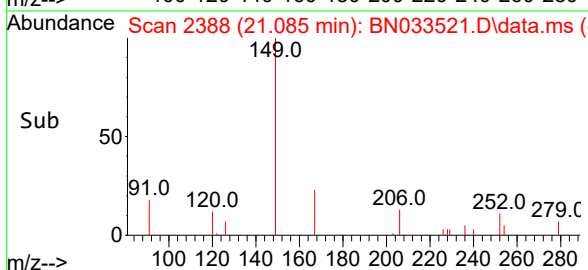
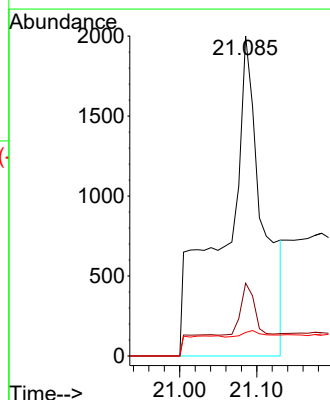
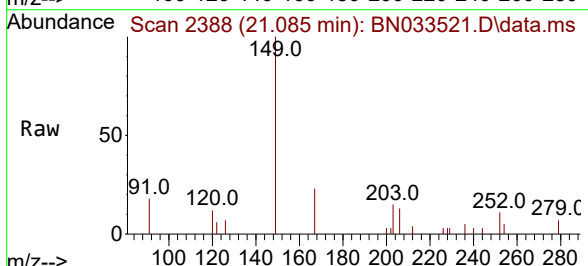
Tgt Ion:149 Resp: 6783

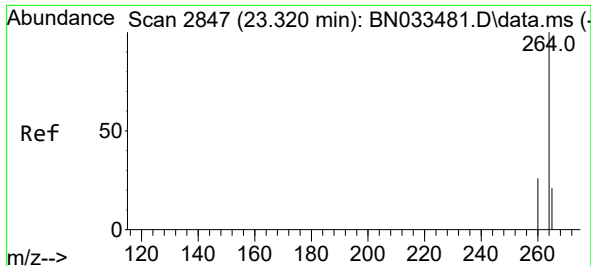
Ion Ratio Lower Upper

149 100

167 8.1 21.5 32.3#

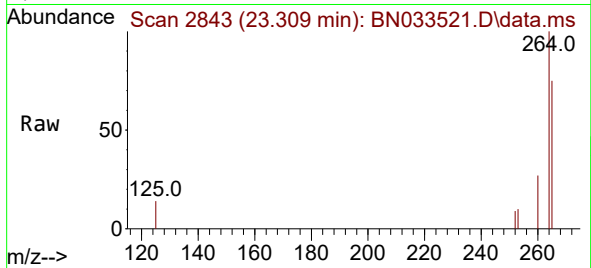
279 1.9 2.2 3.2#



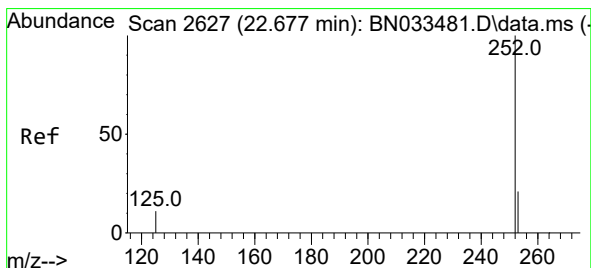
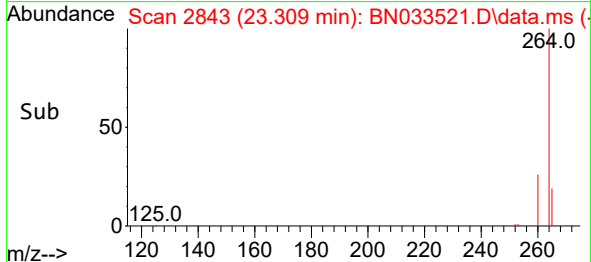
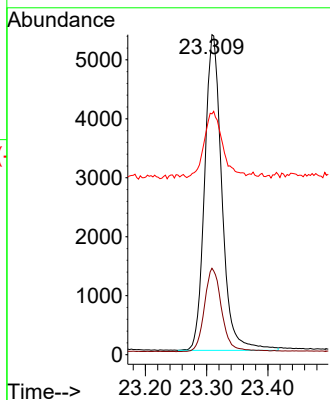


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.309 min Scan# 21
Delta R.T. -0.012 min
Lab File: BN033521.D
Acq: 21 Aug 2024 00:18

Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240814DL



Tgt Ion:264 Resp: 10472
Ion Ratio Lower Upper
264 100
260 27.0 20.8 31.2
265 75.2 52.2 78.2



#37
Benzo(b)fluoranthene
Concen: 0.021 ng
RT: 22.665 min Scan# 2623
Delta R.T. -0.012 min
Lab File: BN033521.D
Acq: 21 Aug 2024 00:18

Tgt Ion:252 Resp: 834
Ion Ratio Lower Upper
252 100
253 67.1 19.8 29.8#
125 82.1 13.9 20.9#

