

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020525\
 Data File : BN036307.D
 Acq On : 05 Feb 2025 21:11
 Operator : RC/JU
 Sample : Q1225-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250129

Quant Time: Feb 06 01:06:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 01:04:09 2025
 Response via : Initial Calibration

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

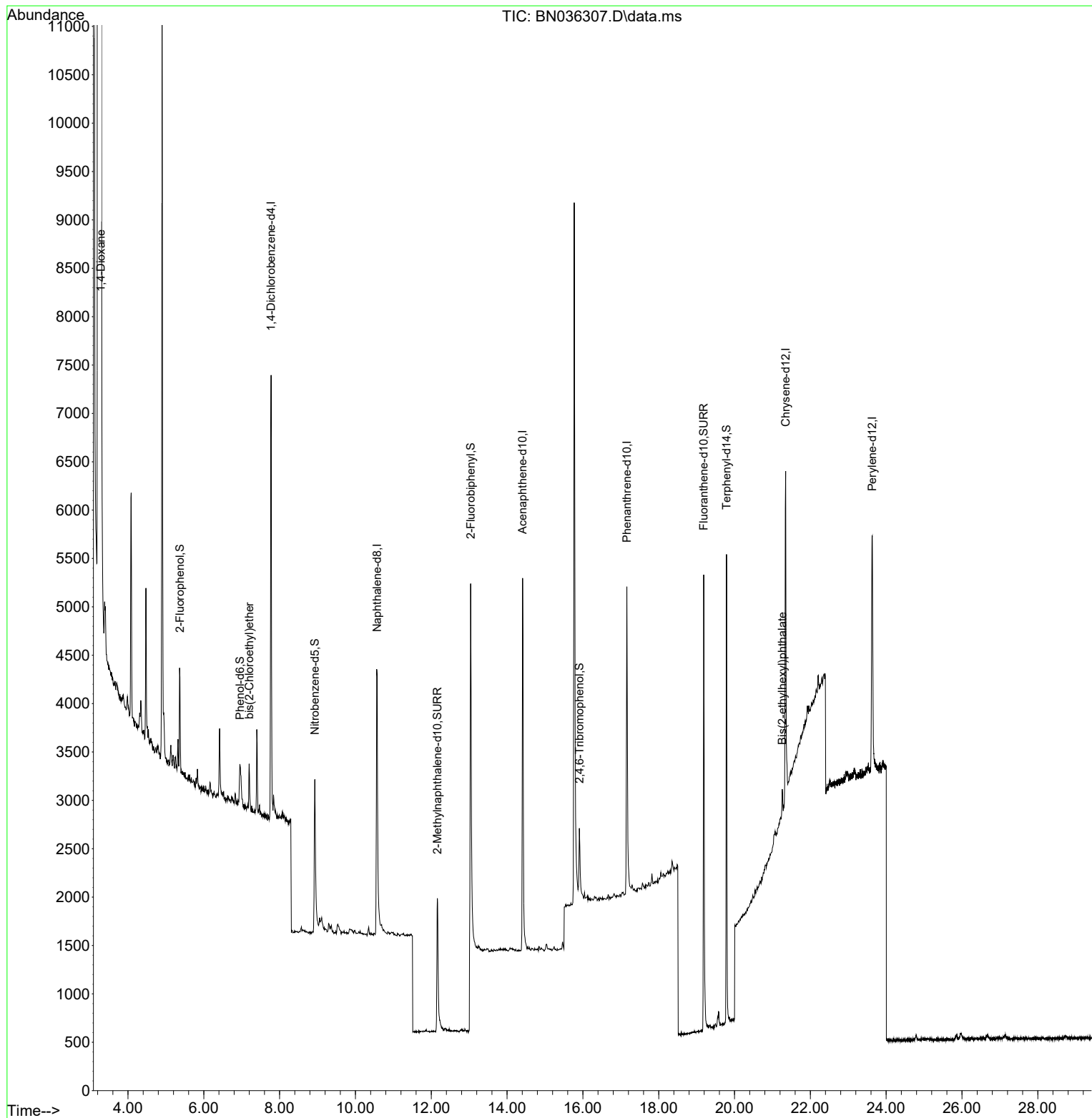
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	2193	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	4986	0.400	ng	0.01
13) Acenaphthene-d10	14.409	164	2696	0.400	ng	0.00
19) Phenanthrene-d10	17.161	188	5157	0.400	ng	0.00
29) Chrysene-d12	21.349	240	3747	0.400	ng	0.00
35) Perylene-d12	23.628	264	3848	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.370	112	828	0.145	ng	0.00
5) Phenol-d6	6.952	99	500	0.075	ng	0.00
8) Nitrobenzene-d5	8.929	82	1875	0.398	ng	0.00
11) 2-Methylnaphthalene-d10	12.162	152	2783	0.411	ng	0.00
14) 2,4,6-Tribromophenol	15.907	330	497	0.287	ng	0.00
15) 2-Fluorobiphenyl	13.041	172	4207	0.350	ng	0.00
27) Fluoranthene-d10	19.188	212	5816	0.435	ng	0.00
31) Terphenyl-d14	19.787	244	5065	0.651	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.283	88	17757	7.244	ng	Qvalue 95
6) bis(2-Chloroethyl)ether	7.197	93	328	0.061	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.259	149	315	0.042	ng	# 85

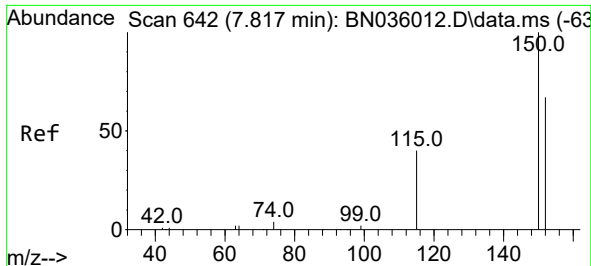
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020525\
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250129

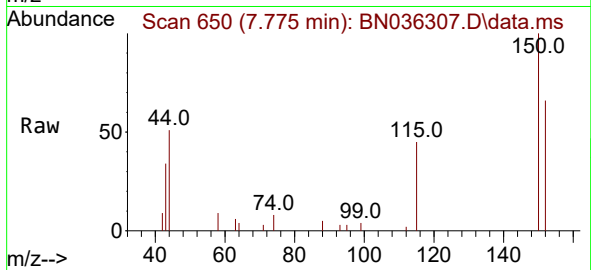
Quant Time: Feb 06 01:06:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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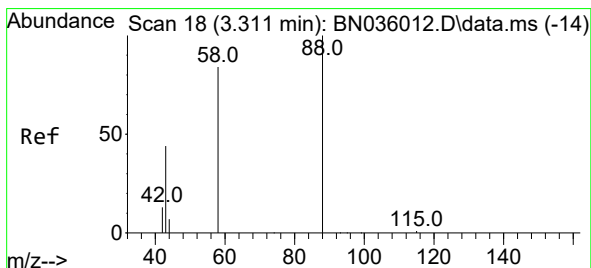
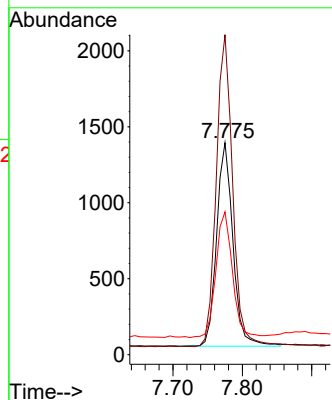
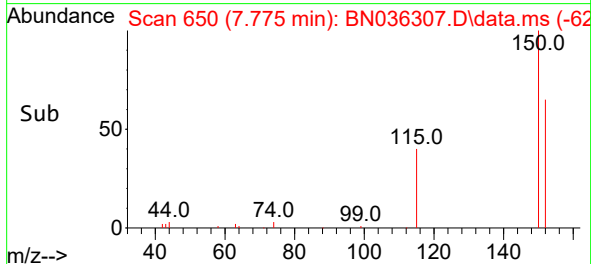


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.775 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN036307.D
 Acq: 05 Feb 2025 21:11

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250129

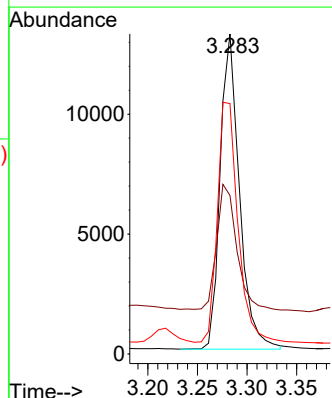
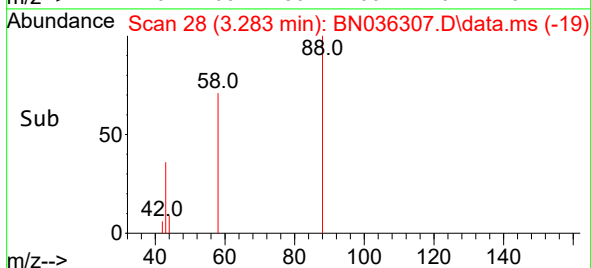
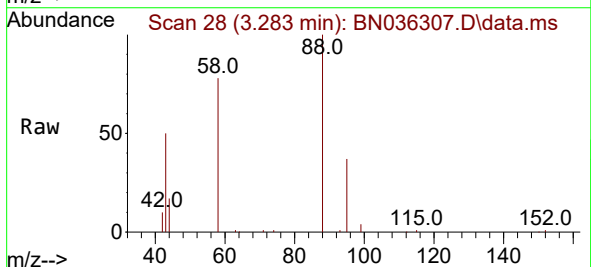


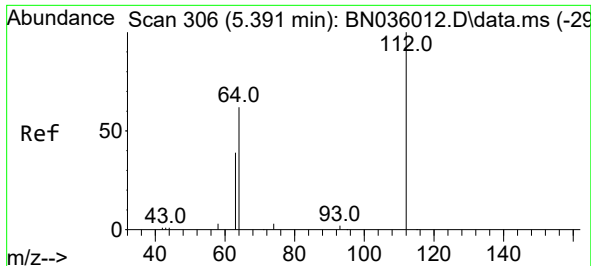
Tgt Ion:152 Resp: 2193
 Ion Ratio Lower Upper
 152 100
 150 151.0 117.4 176.2
 115 67.4 51.0 76.4



#2
 1,4-Dioxane
 Concen: 7.244 ng
 RT: 3.283 min Scan# 28
 Delta R.T. -0.007 min
 Lab File: BN036307.D
 Acq: 05 Feb 2025 21:11

Tgt Ion: 88 Resp: 17757
 Ion Ratio Lower Upper
 88 100
 43 41.4 38.5 57.7
 58 81.2 66.6 99.8

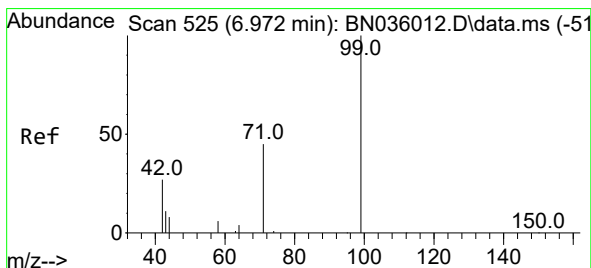
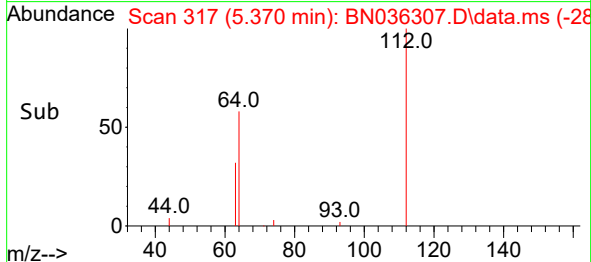
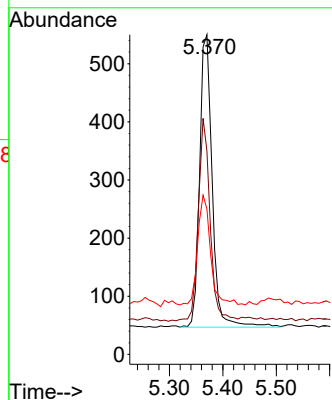
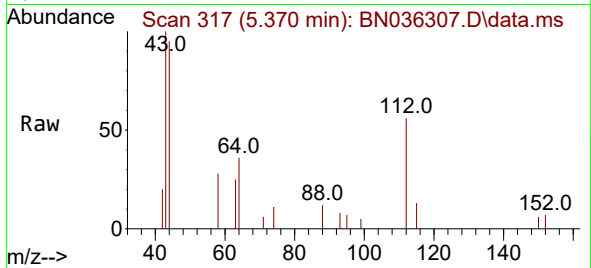




#4
2-Fluorophenol
Concen: 0.145 ng
RT: 5.370 min Scan# 317
Delta R.T. 0.007 min
Lab File: BN036307.D
Acq: 05 Feb 2025 21:11

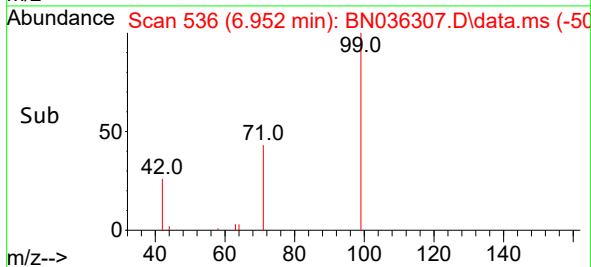
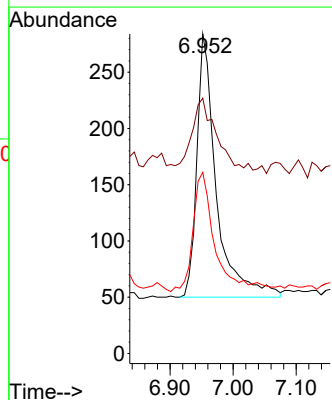
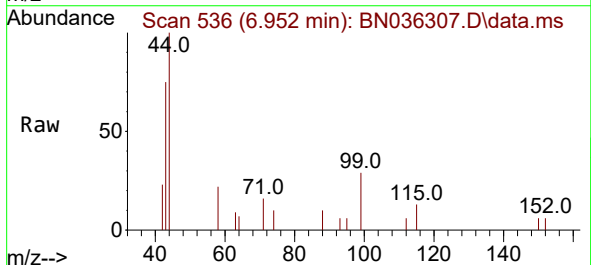
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BNA_N
ClientSampleId :
RW5-SP100-20250129

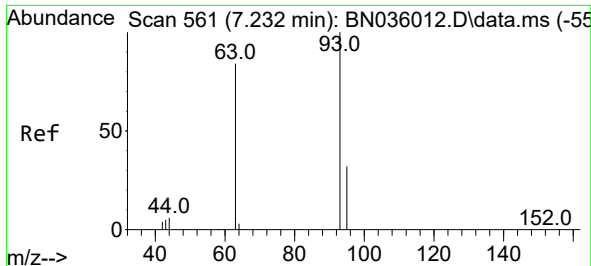
Tgt Ion:112 Resp: 828
Ion Ratio Lower Upper
112 100
64 64.9 50.0 75.0
63 39.0 30.7 46.1



#5
Phenol-d6
Concen: 0.075 ng
RT: 6.952 min Scan# 536
Delta R.T. 0.000 min
Lab File: BN036307.D
Acq: 05 Feb 2025 21:11

Tgt Ion: 99 Resp: 500
Ion Ratio Lower Upper
99 100
42 38.6 26.8 40.2
71 51.6 36.6 55.0

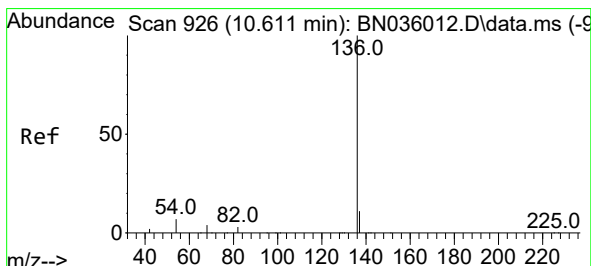
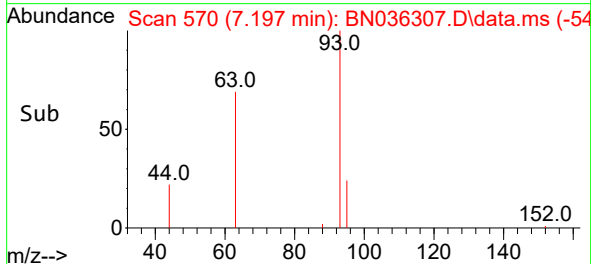
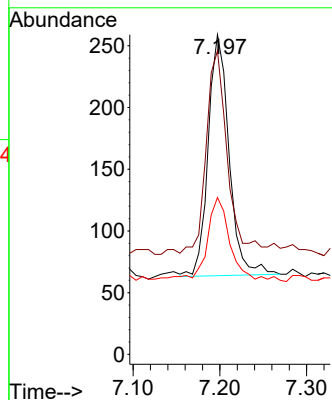
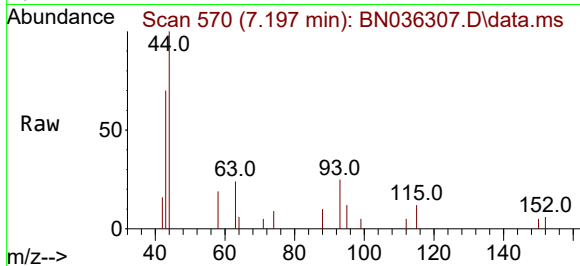




#6
bis(2-Chloroethyl)ether
Concen: 0.061 ng
RT: 7.197 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN036307.D
Acq: 05 Feb 2025 21:11

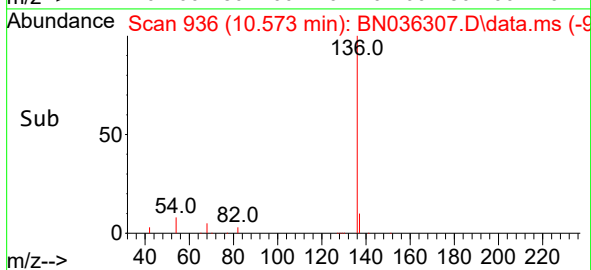
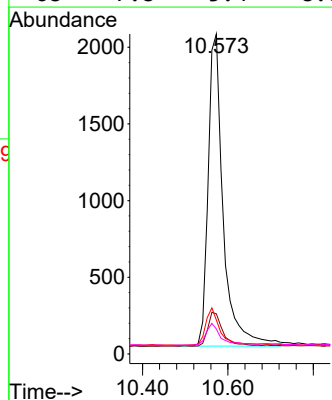
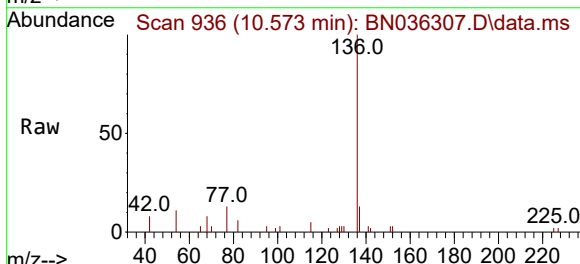
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250129

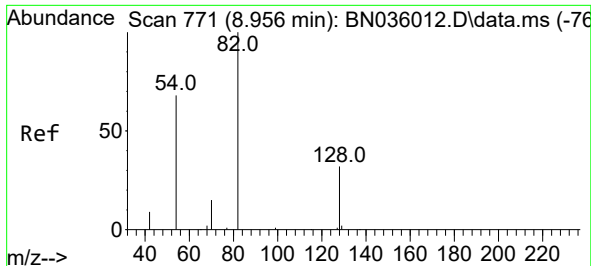
Tgt Ion: 93 Resp: 328
Ion Ratio Lower Upper
93 100
63 86.9 65.8 98.6
95 40.5 25.8 38.6#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. 0.011 min
Lab File: BN036307.D
Acq: 05 Feb 2025 21:11

Tgt Ion: 136 Resp: 4986
Ion Ratio Lower Upper
136 100
137 12.6 10.4 15.6
54 10.6 7.7 11.5
68 7.8 5.4 8.0

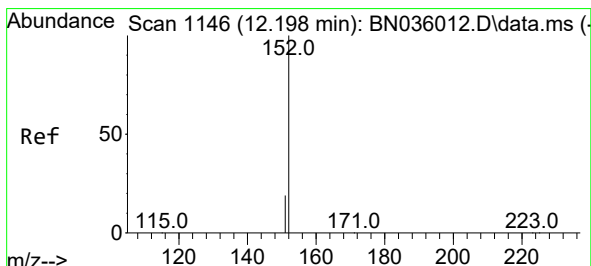
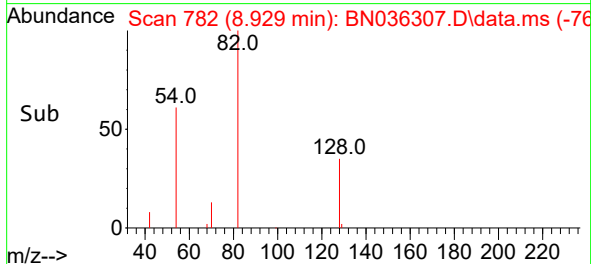
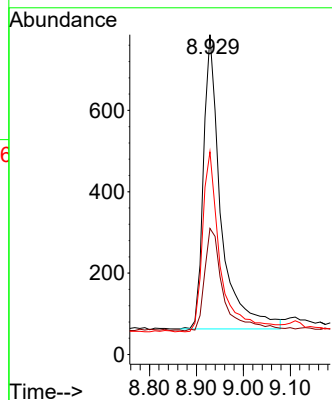
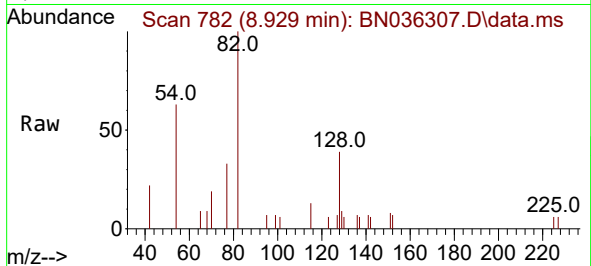




#8
Nitrobenzene-d5
Concen: 0.398 ng
RT: 8.929 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN036307.D
Acq: 05 Feb 2025 21:11

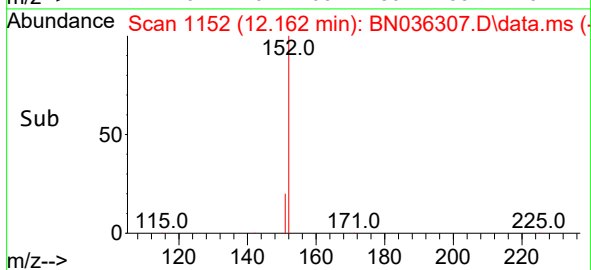
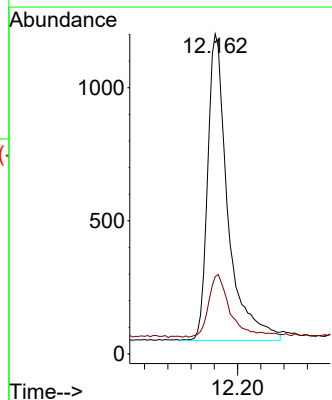
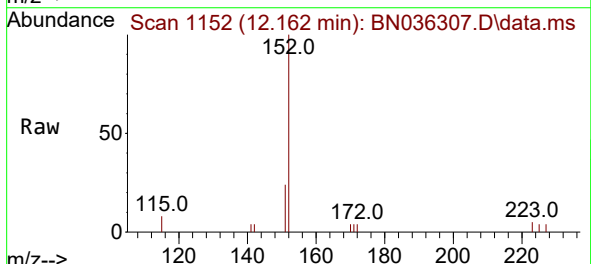
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250129

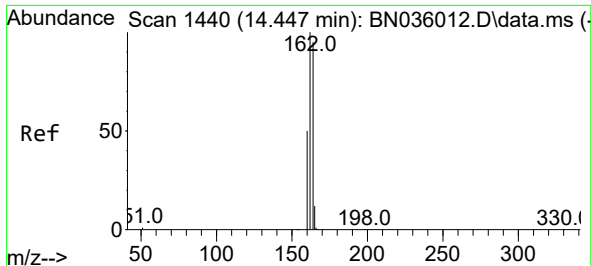
Tgt Ion: 82 Resp: 1875
Ion Ratio Lower Upper
82 100
128 39.4 28.8 43.2
54 63.4 55.8 83.8



#11
2-Methylnaphthalene-d10
Concen: 0.411 ng
RT: 12.162 min Scan# 1152
Delta R.T. 0.005 min
Lab File: BN036307.D
Acq: 05 Feb 2025 21:11

Tgt Ion: 152 Resp: 2783
Ion Ratio Lower Upper
152 100
151 22.6 16.6 25.0

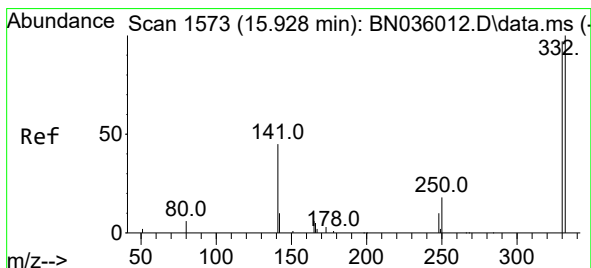
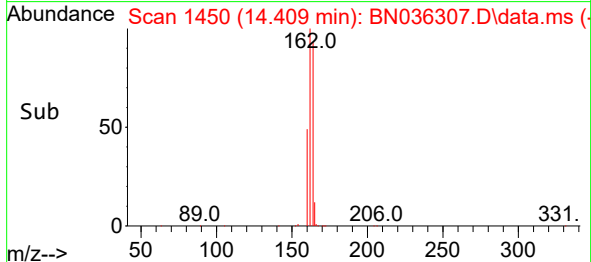
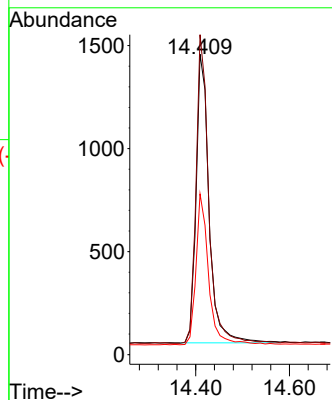
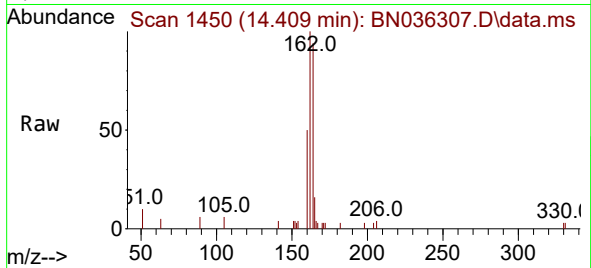




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.409 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN036307.D
Acq: 05 Feb 2025 21:11

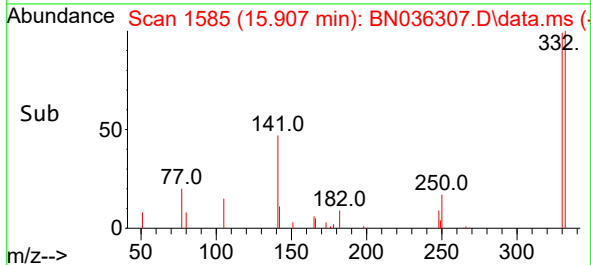
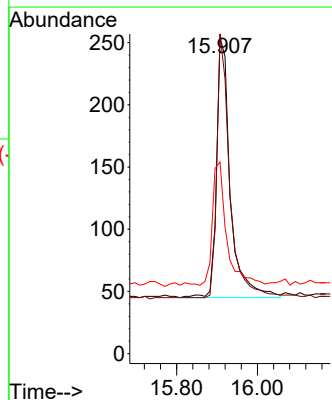
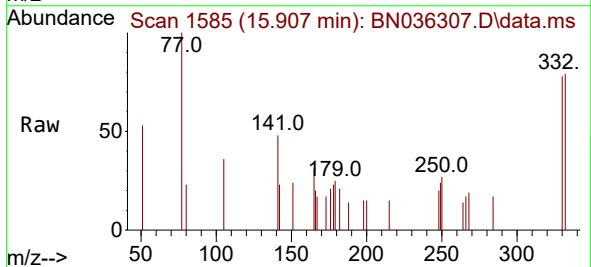
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ClientSampleId :
RW5-SP100-20250129

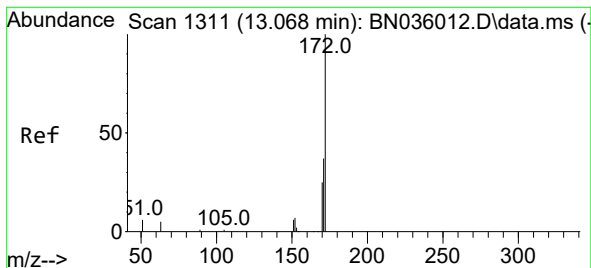
Tgt Ion:164 Resp: 2696
Ion Ratio Lower Upper
164 100
162 106.5 84.1 126.1
160 53.5 43.8 65.8



#14
2,4,6-Tribromophenol
Concen: 0.287 ng
RT: 15.907 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BN036307.D
Acq: 05 Feb 2025 21:11

Tgt Ion:330 Resp: 497
Ion Ratio Lower Upper
330 100
332 95.0 81.0 121.4
141 48.5 36.7 55.1





#15

2-Fluorobiphenyl

Concen: 0.350 ng

RT: 13.041 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN036307.D

Acq: 05 Feb 2025 21:11

Instrument :

BNA_N

ClientSampleId :

RW5-SP100-20250129

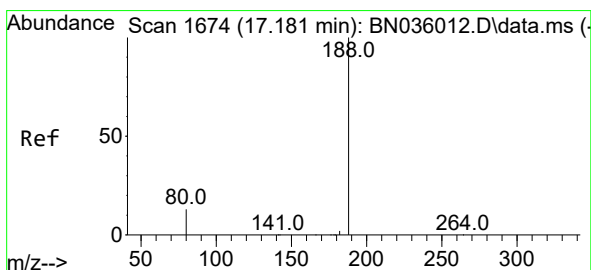
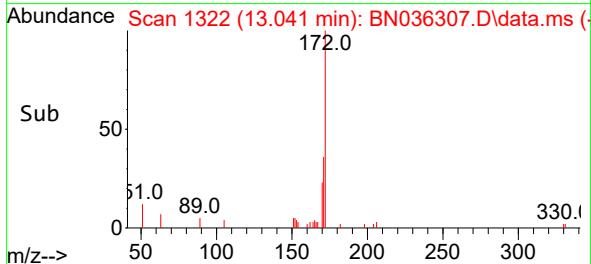
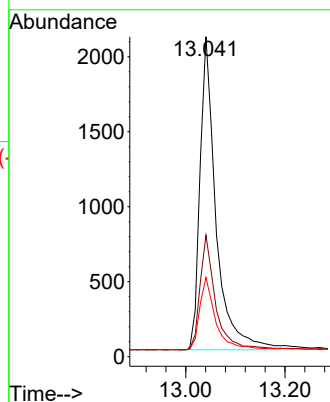
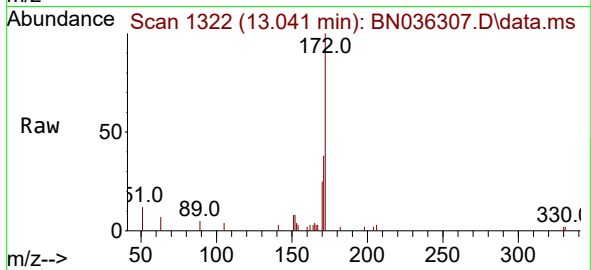
Tgt Ion:172 Resp: 4207

Ion Ratio Lower Upper

172 100

171 38.0 30.9 46.3

170 24.7 21.2 31.8



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.161 min Scan# 1686

Delta R.T. 0.000 min

Lab File: BN036307.D

Acq: 05 Feb 2025 21:11

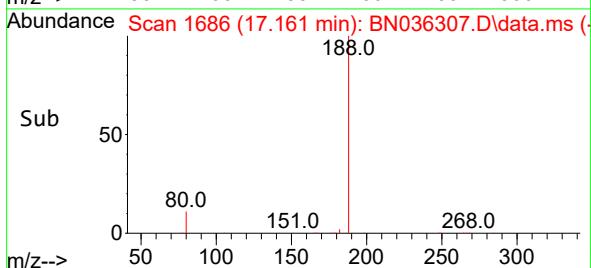
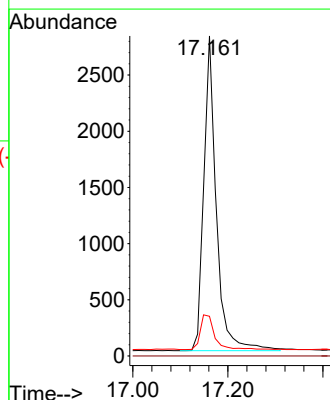
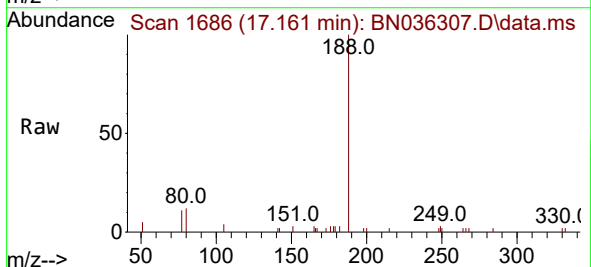
Tgt Ion:188 Resp: 5157

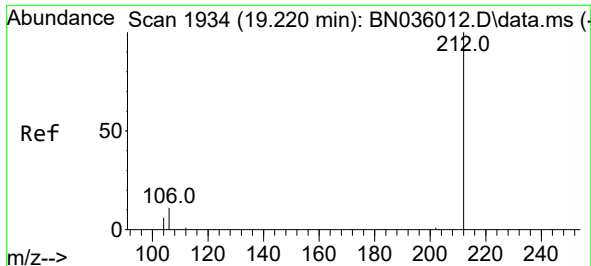
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.4 12.3 18.5

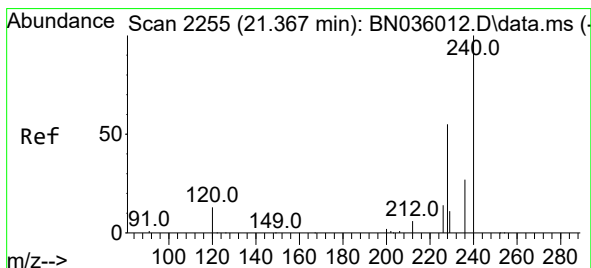
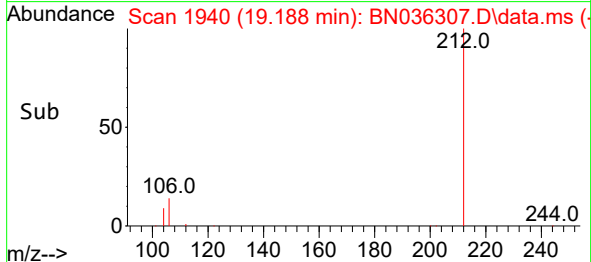
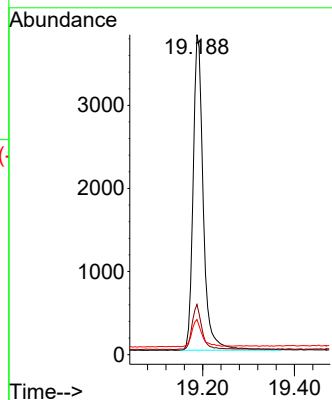
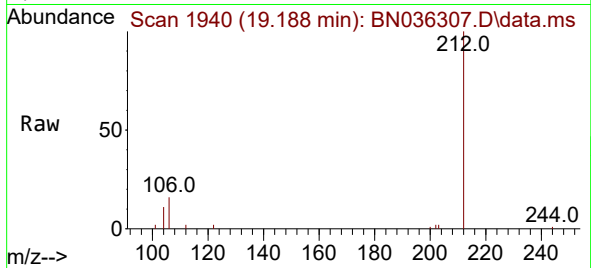




#27
Fluoranthene-d10
Concen: 0.435 ng
RT: 19.188 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BN036307.D
Acq: 05 Feb 2025 21:11

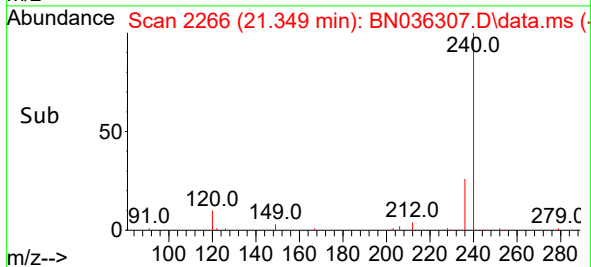
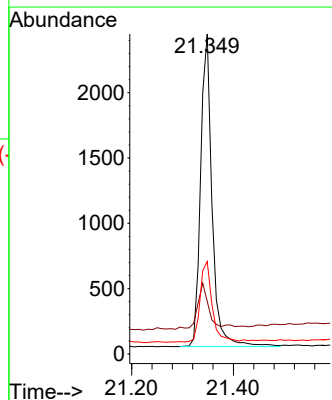
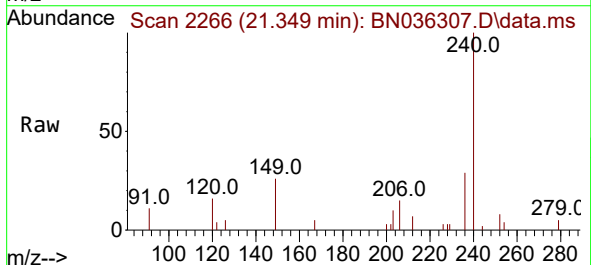
Instrument :
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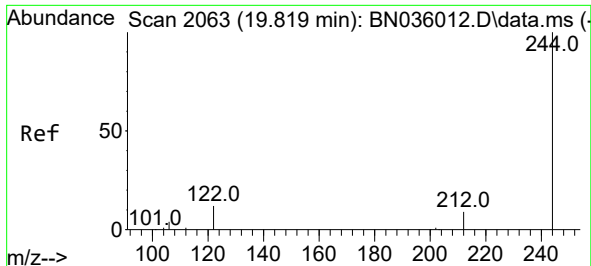
Tgt Ion:212 Resp: 5816
Ion Ratio Lower Upper
212 100
106 14.0 9.7 14.5
104 8.6 6.0 9.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.349 min Scan# 2266
Delta R.T. 0.009 min
Lab File: BN036307.D
Acq: 05 Feb 2025 21:11

Tgt Ion:240 Resp: 3747
Ion Ratio Lower Upper
240 100
120 16.4 13.9 20.9
236 28.9 23.7 35.5

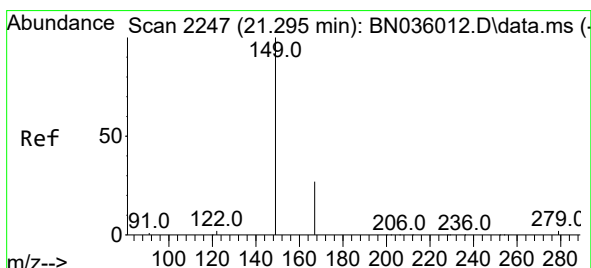
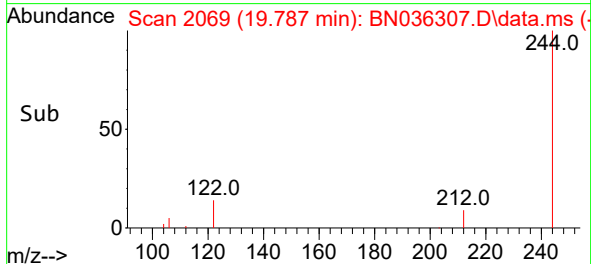
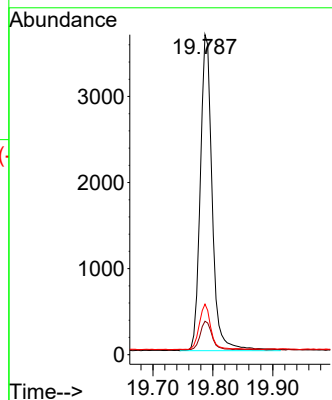
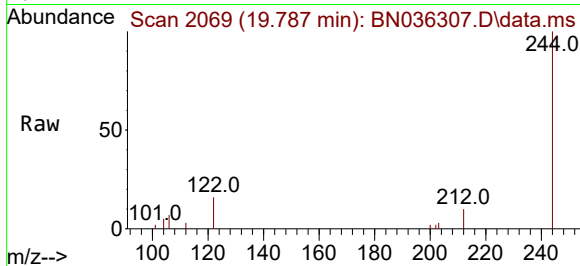




#31
 Terphenyl-d14
 Concen: 0.651 ng
 RT: 19.787 min Scan# 2063
 Delta R.T. -0.005 min
 Lab File: BN036307.D
 Acq: 05 Feb 2025 21:11

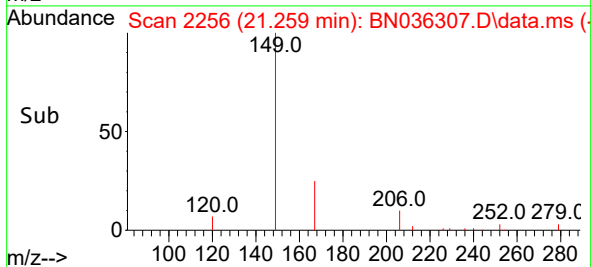
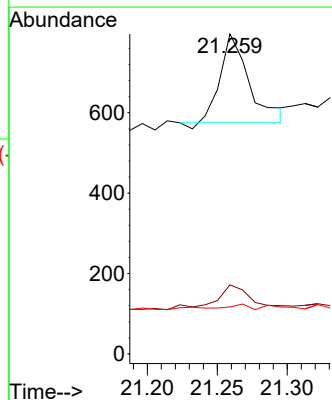
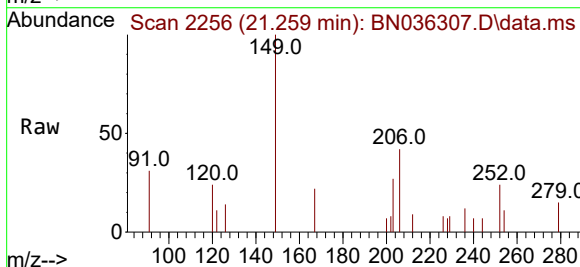
Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250129

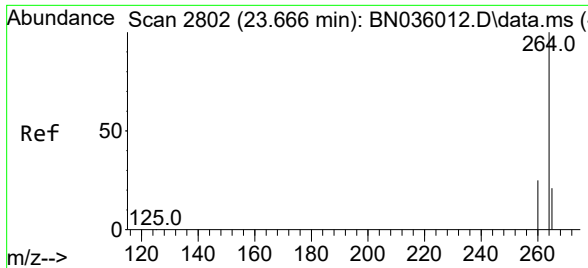
Tgt Ion:244 Resp: 5065
 Ion Ratio Lower Upper
 244 100
 212 10.4 9.1 13.7
 122 15.8 11.3 16.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.042 ng
 RT: 21.259 min Scan# 2256
 Delta R.T. 0.000 min
 Lab File: BN036307.D
 Acq: 05 Feb 2025 21:11

Tgt Ion:149 Resp: 315
 Ion Ratio Lower Upper
 149 100
 167 36.2 21.9 32.9#
 279 3.5 3.0 4.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.628 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN036307.D
Acq: 05 Feb 2025 21:11

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250129

Tgt Ion:264	Resp:	3848
Ion	Ratio	Lower Upper
264	100	
260	26.8	21.8 32.6
265	133.5	56.6 84.8#

