

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022425\
 Data File : BN036503.D
 Acq On : 24 Feb 2025 18:14
 Operator : RC/JU
 Sample : Q1402-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250219

Quant Time: Feb 25 00:14:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 11 01:17:14 2025
 Response via : Initial Calibration

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

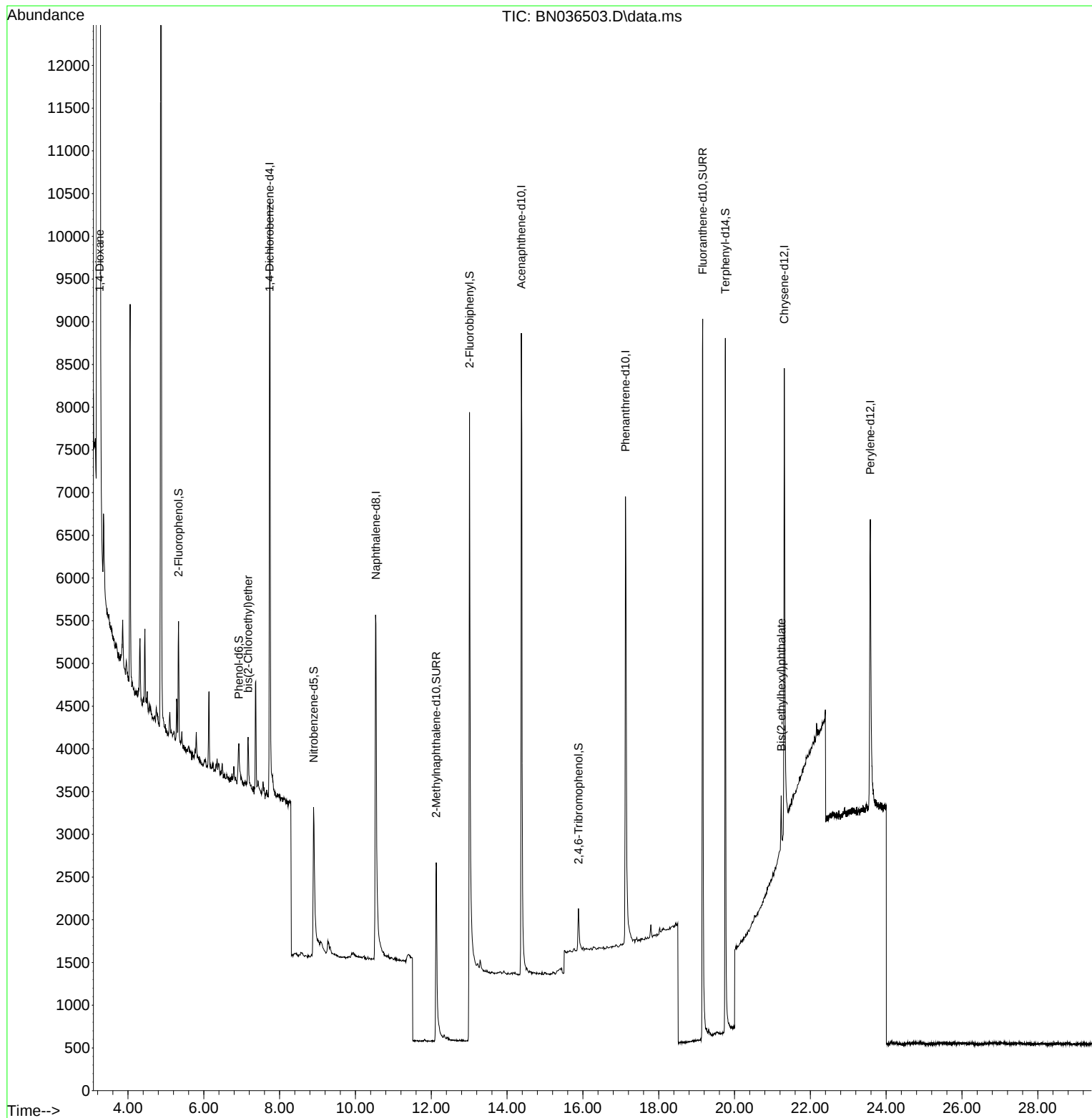
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	3536	0.400	ng	-0.01
7) Naphthalene-d8	10.541	136	7949	0.400	ng	# 0.00
13) Acenaphthene-d10	14.377	164	5333	0.400	ng	-0.01
19) Phenanthrene-d10	17.124	188	10144	0.400	ng	#-0.01
29) Chrysene-d12	21.313	240	6941	0.400	ng	0.00
35) Perylene-d12	23.581	264	6307	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.334	112	1022	0.122	ng	-0.01
5) Phenol-d6	6.923	99	726	0.074	ng	-0.01
8) Nitrobenzene-d5	8.897	82	2605	0.332	ng	-0.01
11) 2-Methylnaphthalene-d10	12.131	152	4621	0.378	ng	-0.01
14) 2,4,6-Tribromophenol	15.882	330	384	0.145	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	8644	0.431	ng	-0.01
27) Fluoranthene-d10	19.160	212	10953	0.388	ng	0.00
31) Terphenyl-d14	19.759	244	9102	0.614	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	25591	6.615	ng	98
6) bis(2-Chloroethyl)ether	7.168	93	468	0.046	ng	# 85
34) Bis(2-ethylhexyl)phtha...	21.232	149	659	0.046	ng	98

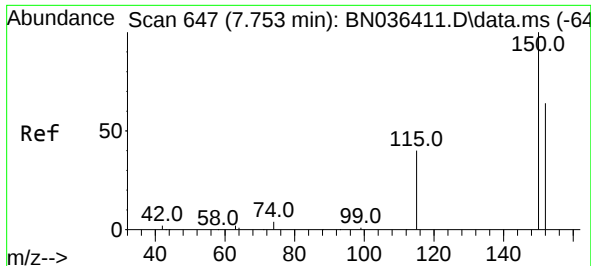
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
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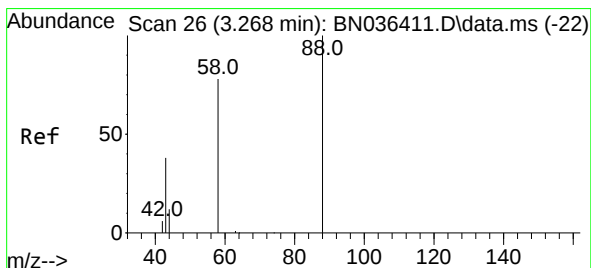
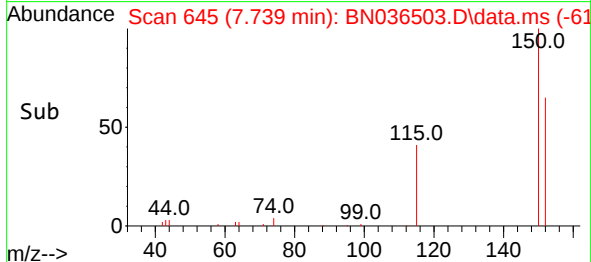
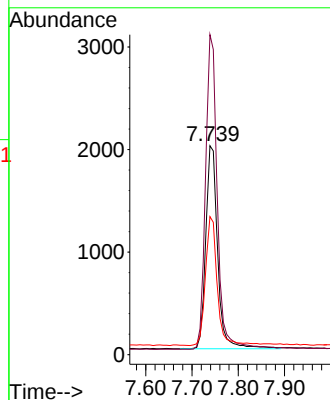
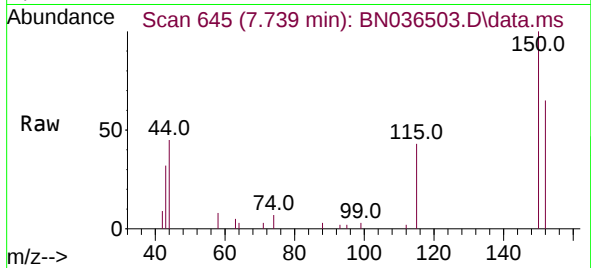




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.739 min Scan# 64
Delta R.T. -0.014 min
Lab File: BN036503.D
Acq: 24 Feb 2025 18:14

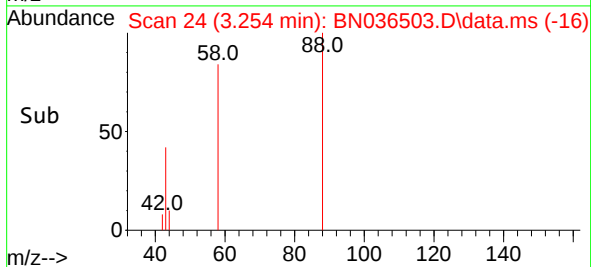
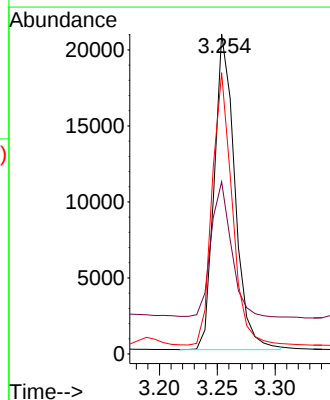
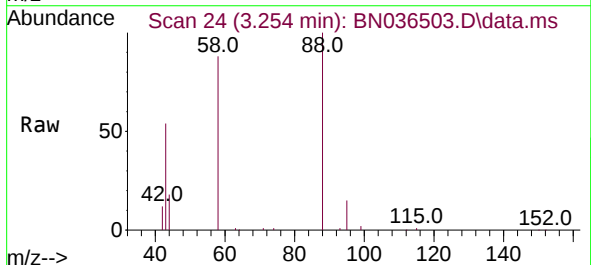
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250219

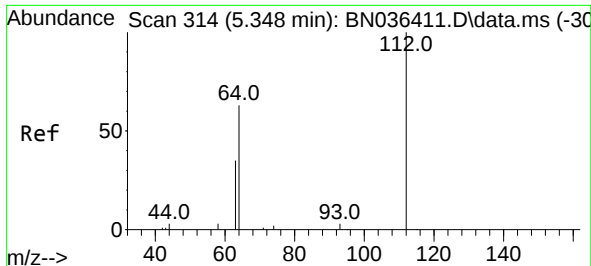
Tgt Ion:152 Resp: 3536
Ion Ratio Lower Upper
152 100
150 153.1 123.7 185.5
115 66.0 52.5 78.7



#2
1,4-Dioxane
Concen: 6.615 ng
RT: 3.254 min Scan# 24
Delta R.T. -0.015 min
Lab File: BN036503.D
Acq: 24 Feb 2025 18:14

Tgt Ion: 88 Resp: 25591
Ion Ratio Lower Upper
88 100
43 42.3 33.7 50.5
58 84.0 68.9 103.3





#4

2-Fluorophenol

Concen: 0.122 ng

RT: 5.334 min Scan# 314

Delta R.T. -0.015 min

Lab File: BN036503.D

Acq: 24 Feb 2025 18:14

Instrument :

BNA_N

ClientSampleId :

RW5-SP100-20250219

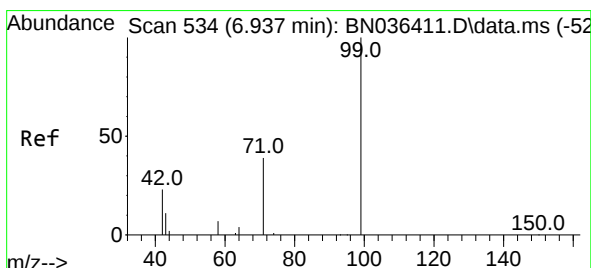
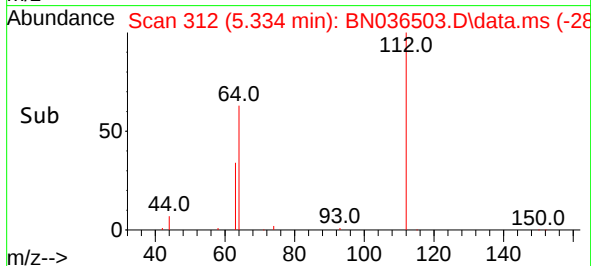
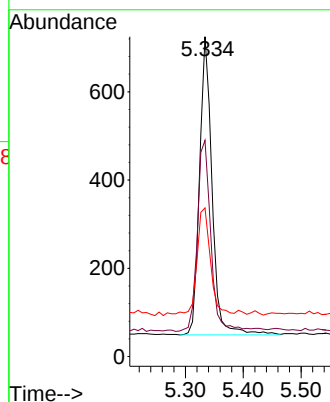
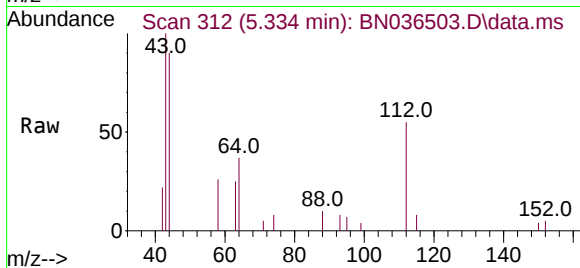
Tgt Ion:112 Resp: 1022

Ion Ratio Lower Upper

112 100

64 68.7 53.4 80.0

63 39.6 30.3 45.5



#5

Phenol-d6

Concen: 0.074 ng

RT: 6.923 min Scan# 532

Delta R.T. -0.015 min

Lab File: BN036503.D

Acq: 24 Feb 2025 18:14

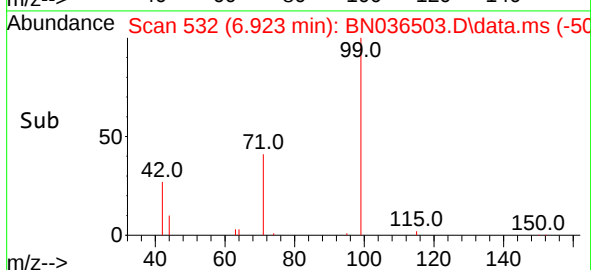
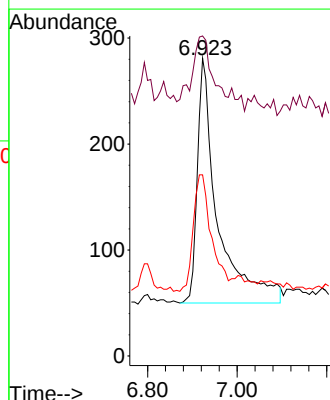
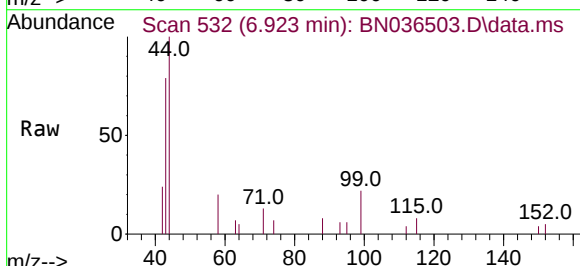
Tgt Ion: 99 Resp: 726

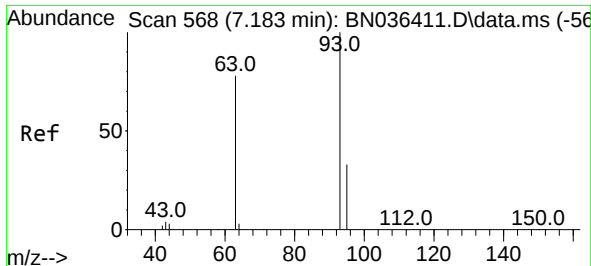
Ion Ratio Lower Upper

99 100

42 24.2 21.7 32.5

71 43.4 32.6 49.0

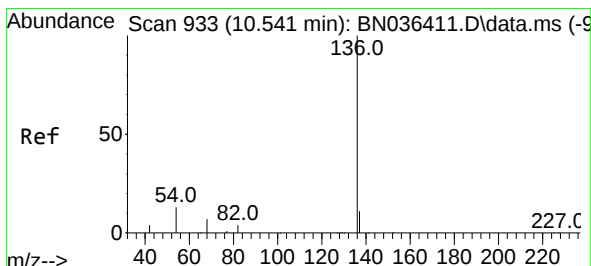
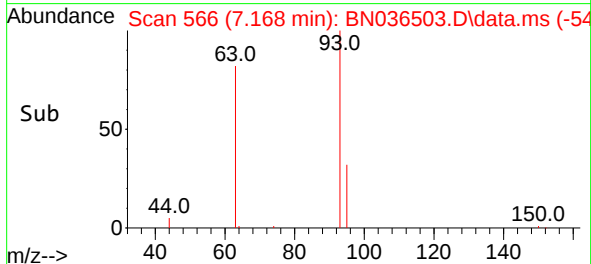
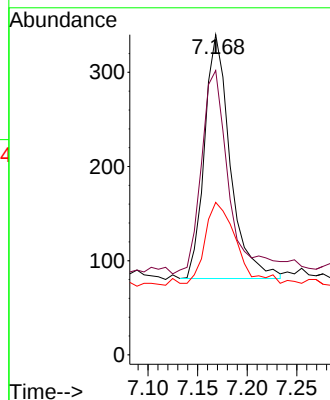
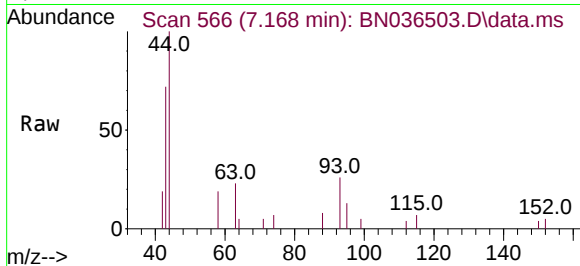




#6
bis(2-Chloroethyl)ether
Concen: 0.046 ng
RT: 7.168 min Scan# 568
Delta R.T. -0.015 min
Lab File: BN036503.D
Acq: 24 Feb 2025 18:14

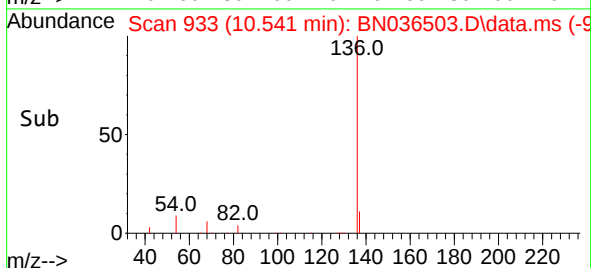
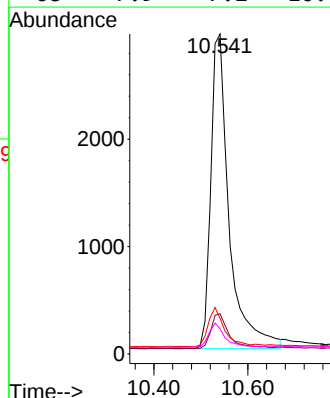
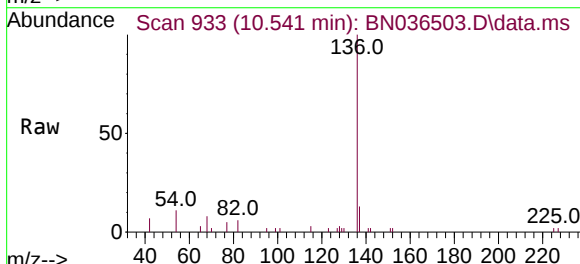
Instrument :
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RW5-SP100-20250219

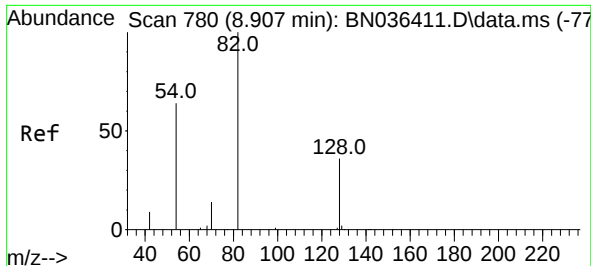
Tgt Ion: 93 Resp: 468
Ion Ratio Lower Upper
93 100
63 93.4 66.3 99.5
95 45.9 26.2 39.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.541 min Scan# 933
Delta R.T. -0.000 min
Lab File: BN036503.D
Acq: 24 Feb 2025 18:14

Tgt Ion:136 Resp: 7949
Ion Ratio Lower Upper
136 100
137 12.6 10.1 15.1
54 11.2 11.8 17.6#
68 7.9 7.2 10.8

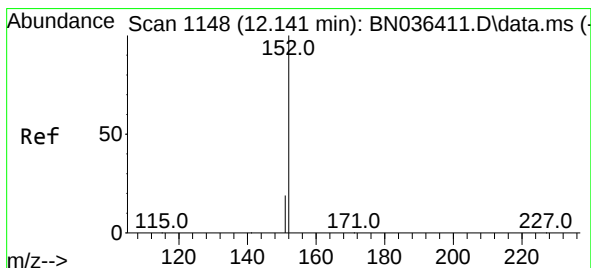
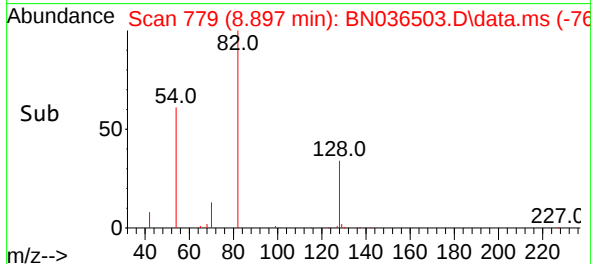
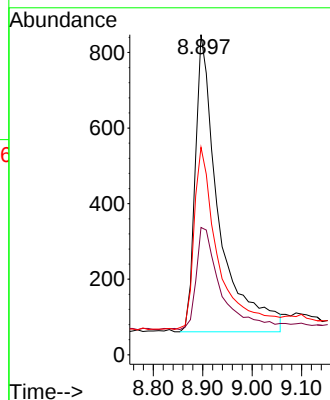
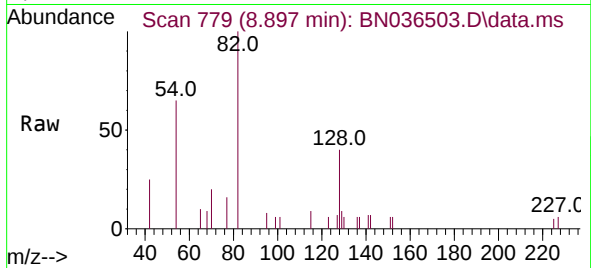




#8
Nitrobenzene-d5
Concen: 0.332 ng
RT: 8.897 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN036503.D
Acq: 24 Feb 2025 18:14

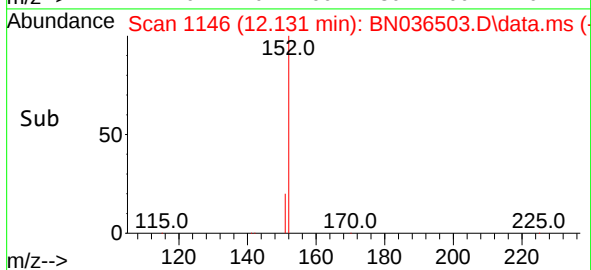
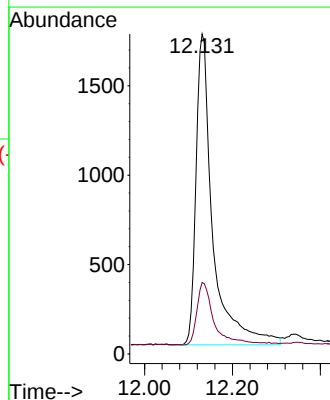
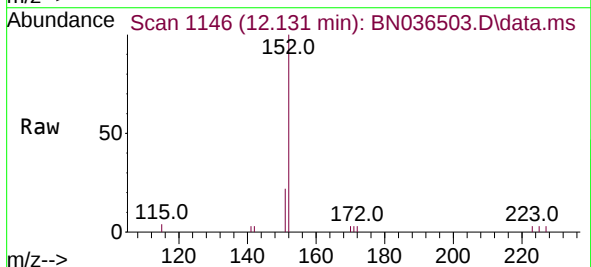
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250219

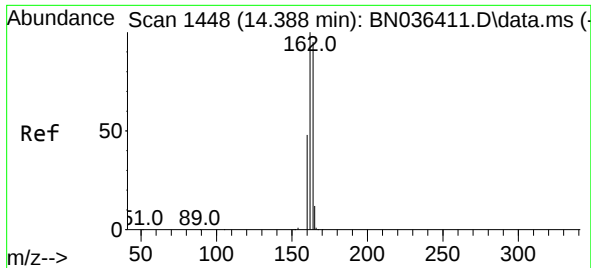
Tgt Ion: 82 Resp: 2605
Ion Ratio Lower Upper
82 100
128 39.8 31.9 47.9
54 64.8 53.1 79.7



#11
2-Methylnaphthalene-d10
Concen: 0.378 ng
RT: 12.131 min Scan# 1146
Delta R.T. -0.010 min
Lab File: BN036503.D
Acq: 24 Feb 2025 18:14

Tgt Ion: 152 Resp: 4621
Ion Ratio Lower Upper
152 100
151 20.4 16.6 25.0

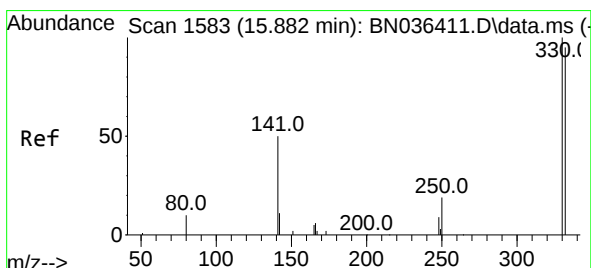
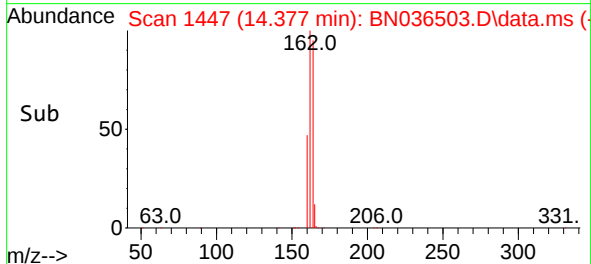
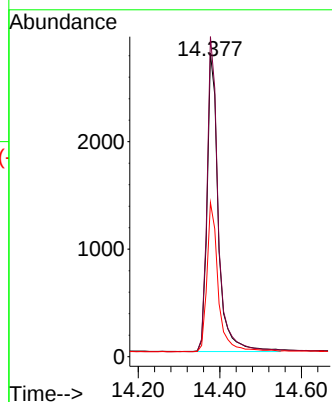
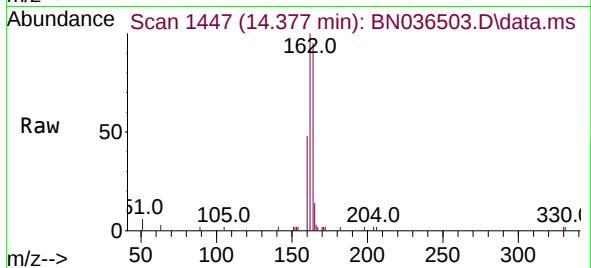




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.377 min Scan# 1447
Delta R.T. -0.011 min
Lab File: BN036503.D
Acq: 24 Feb 2025 18:14

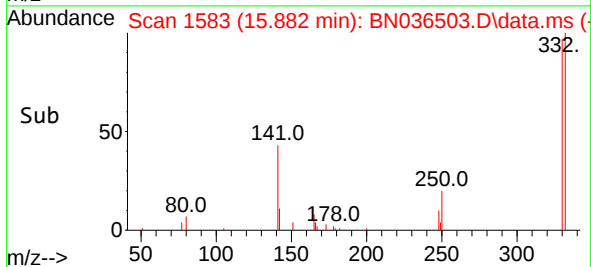
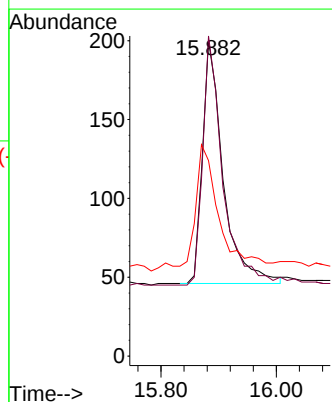
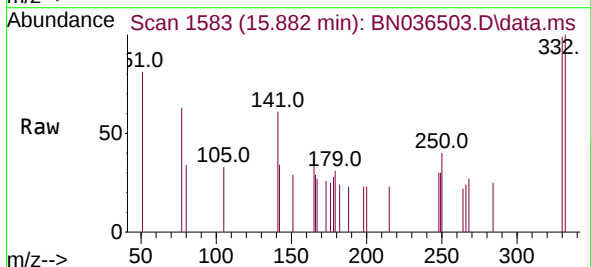
Instrument :
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ClientSampleId :
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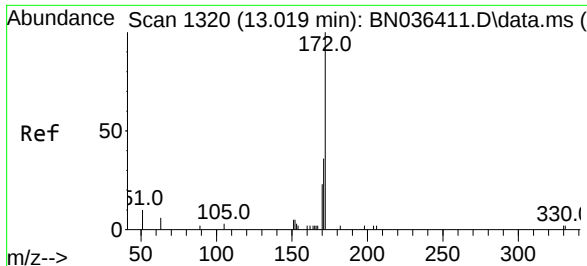
Tgt Ion:164 Resp: 5333
Ion Ratio Lower Upper
164 100
162 105.5 84.1 126.1
160 50.8 41.4 62.0



#14
2,4,6-Tribromophenol
Concen: 0.145 ng
RT: 15.882 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BN036503.D
Acq: 24 Feb 2025 18:14

Tgt Ion:330 Resp: 384
Ion Ratio Lower Upper
330 100
332 100.8 76.6 114.8
141 54.2 37.8 56.8

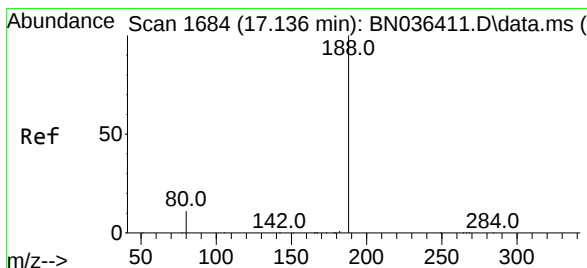
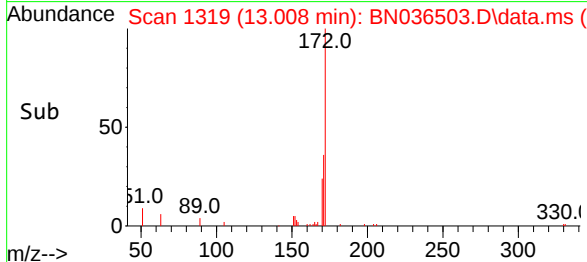
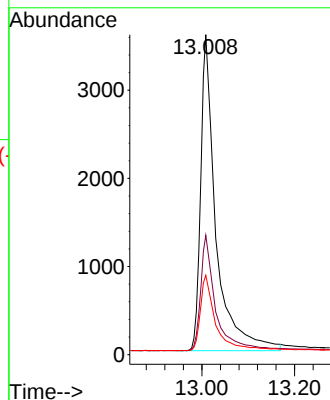
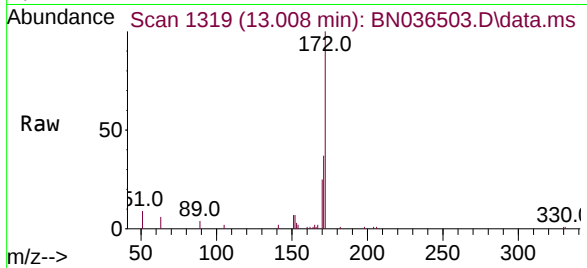




#15
2-Fluorobiphenyl
Concen: 0.431 ng
RT: 13.008 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN036503.D
Acq: 24 Feb 2025 18:14

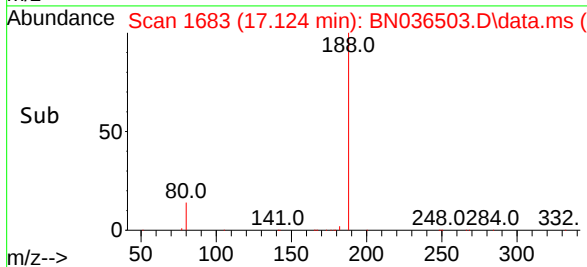
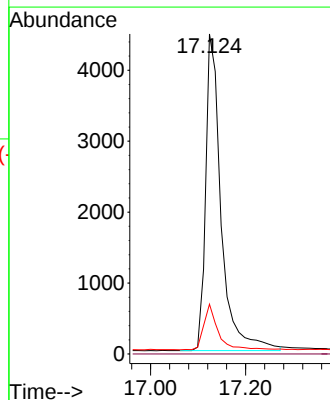
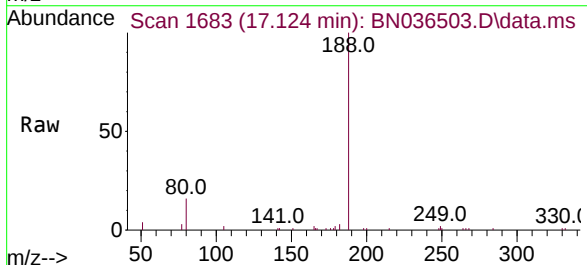
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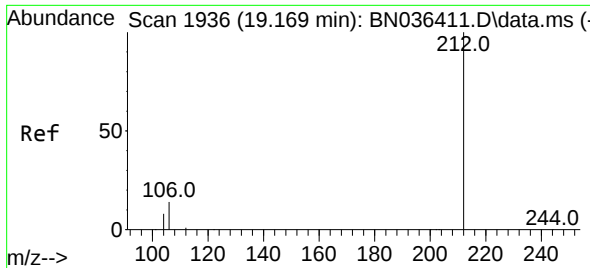
Tgt Ion:172 Resp: 8644
Ion Ratio Lower Upper
172 100
171 37.3 29.6 44.4
170 24.8 19.8 29.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.124 min Scan# 1683
Delta R.T. -0.012 min
Lab File: BN036503.D
Acq: 24 Feb 2025 18:14

Tgt Ion:188 Resp: 10144
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.5 9.8 14.6#

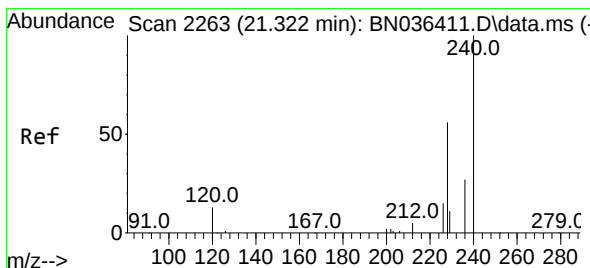
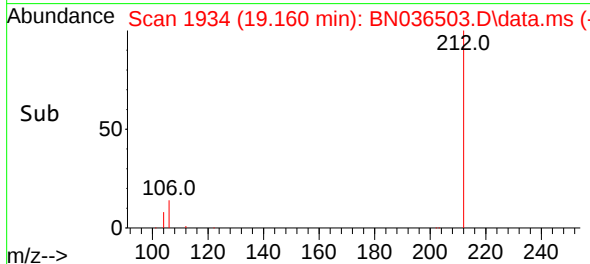
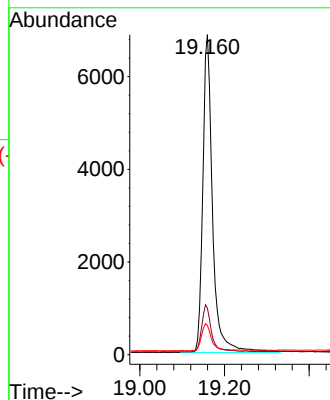
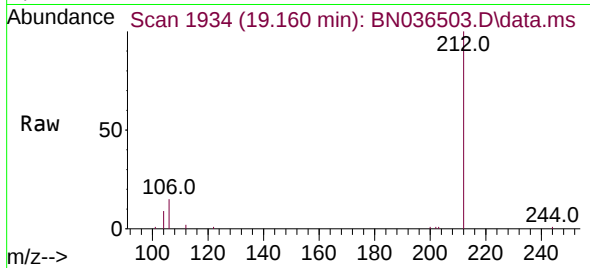




#27
Fluoranthene-d10
Concen: 0.388 ng
RT: 19.160 min Scan# 1936
Delta R.T. -0.009 min
Lab File: BN036503.D
Acq: 24 Feb 2025 18:14

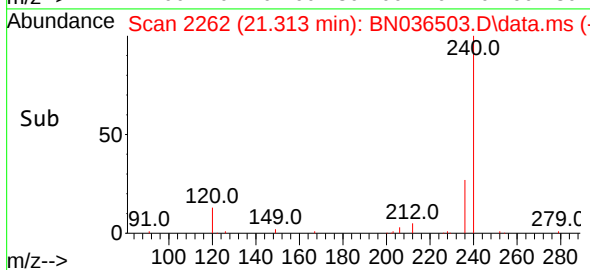
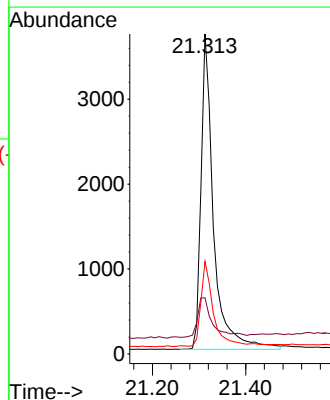
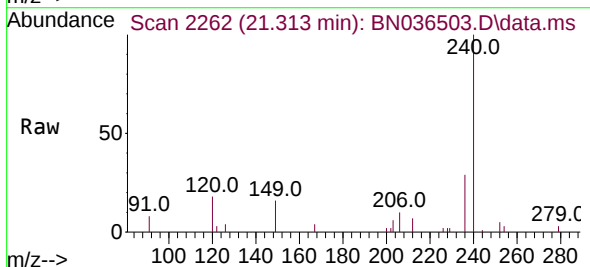
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250219

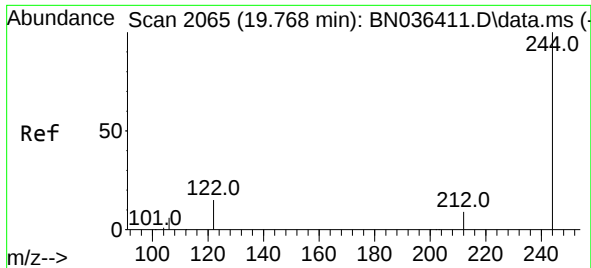
Tgt Ion:212 Resp: 10953
Ion Ratio Lower Upper
212 100
106 14.6 11.5 17.3
104 9.0 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.313 min Scan# 2262
Delta R.T. -0.009 min
Lab File: BN036503.D
Acq: 24 Feb 2025 18:14

Tgt Ion:240 Resp: 6941
Ion Ratio Lower Upper
240 100
120 17.5 13.3 19.9
236 28.9 23.0 34.6

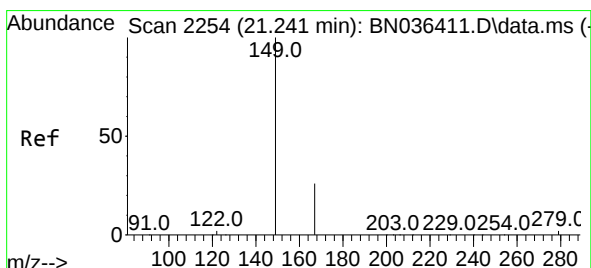
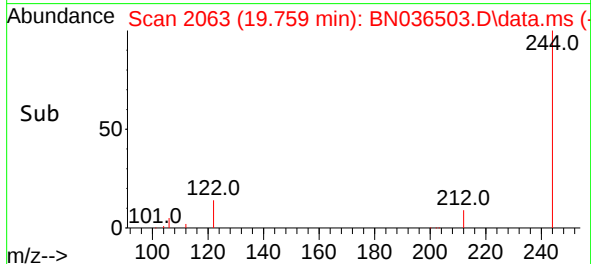
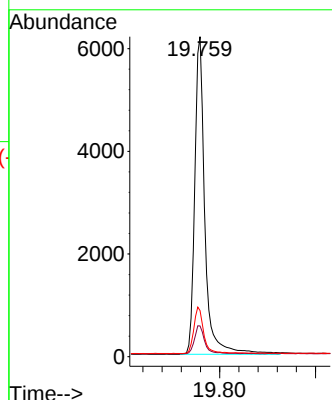
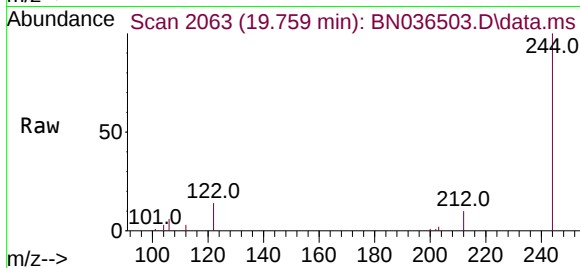




#31
 Terphenyl-d14
 Concen: 0.614 ng
 RT: 19.759 min Scan# 2063
 Delta R.T. -0.009 min
 Lab File: BN036503.D
 Acq: 24 Feb 2025 18:14

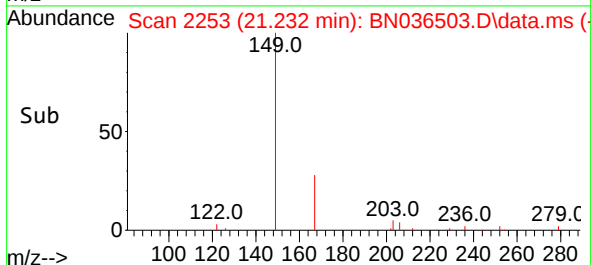
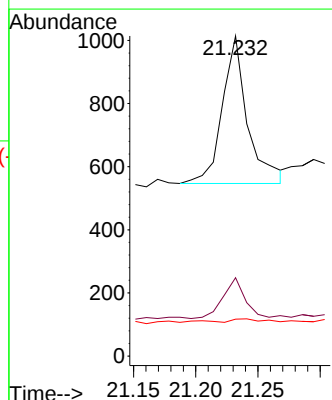
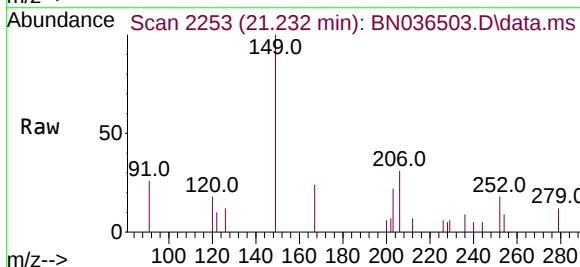
Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250219

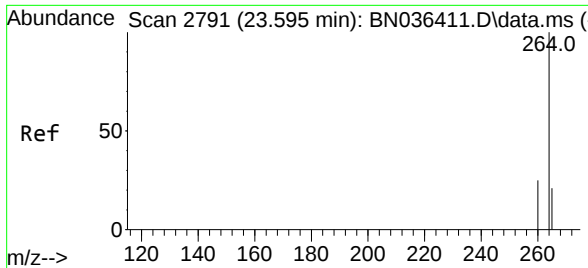
Tgt Ion:244 Resp: 9102
 Ion Ratio Lower Upper
 244 100
 212 9.6 8.1 12.1
 122 14.4 12.8 19.2



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.046 ng
 RT: 21.232 min Scan# 2253
 Delta R.T. -0.009 min
 Lab File: BN036503.D
 Acq: 24 Feb 2025 18:14

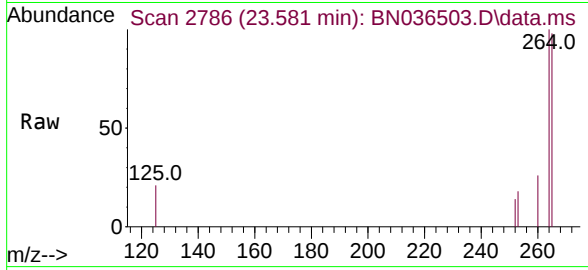
Tgt Ion:149 Resp: 659
 Ion Ratio Lower Upper
 149 100
 167 25.3 21.2 31.8
 279 3.5 2.7 4.1





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.581 min Scan# 21
 Delta R.T. -0.015 min
 Lab File: BN036503.D
 Acq: 24 Feb 2025 18:14

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250219



Tgt Ion:264 Resp: 6307

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.9	31.3
265	97.9	60.7	91.1#

