

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
 Data File : BN036645.D
 Acq On : 15 Mar 2025 15:48
 Operator : RC/JU
 Sample : Q1559-16
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW4-RE137-20250311

Quant Time: Mar 17 00:36:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 16:06:28 2025
 Response via : Initial Calibration

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

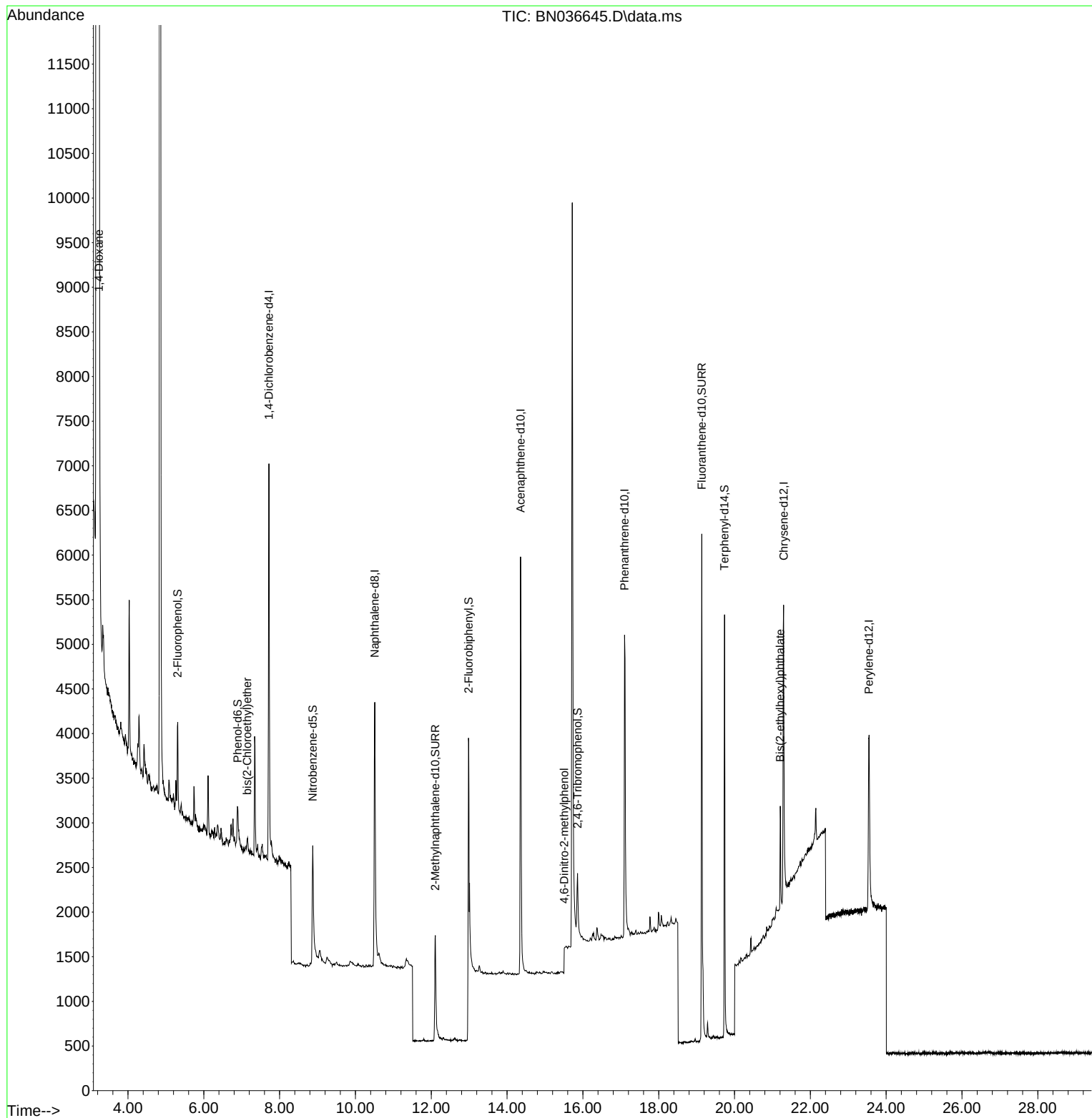
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2171	0.400	ng	0.00
7) Naphthalene-d8	10.508	136	5098	0.400	ng	0.00
13) Acenaphthene-d10	14.355	164	3040	0.400	ng	-0.01
19) Phenanthrene-d10	17.098	188	6270	0.400	ng	#-0.01
29) Chrysene-d12	21.294	240	4242	0.400	ng	0.00
35) Perylene-d12	23.545	264	3367	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	728	0.144	ng	0.00
5) Phenol-d6	6.893	99	494	0.079	ng	0.00
8) Nitrobenzene-d5	8.875	82	1698	0.306	ng	0.00
11) 2-Methylnaphthalene-d10	12.105	152	2434	0.321	ng	0.00
14) 2,4,6-Tribromophenol	15.857	330	509	0.369	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	5690	0.322	ng	0.00
27) Fluoranthene-d10	19.136	212	6882	0.428	ng	0.00
31) Terphenyl-d14	19.735	244	4716	0.464	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.232	88	9800	4.069	ng	Qvalue 96
6) bis(2-Chloroethyl)ether	7.146	93	132	0.020	ng	# 84
20) 4,6-Dinitro-2-methylph...	15.510	198	4	0.148	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.205	149	1211	0.115	ng	97

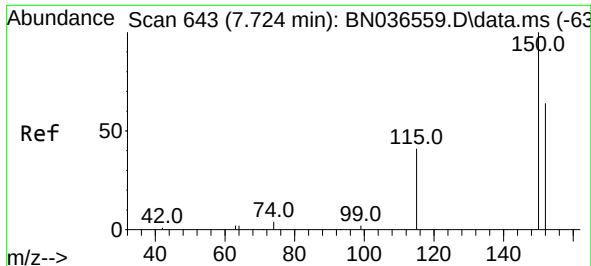
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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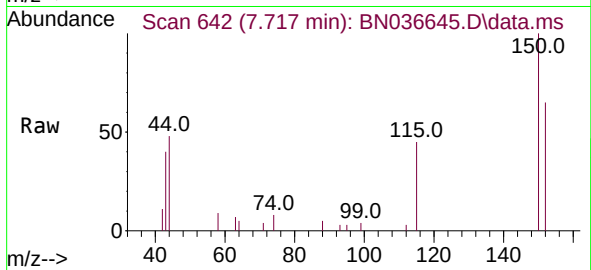
Quant Time: Mar 17 00:36:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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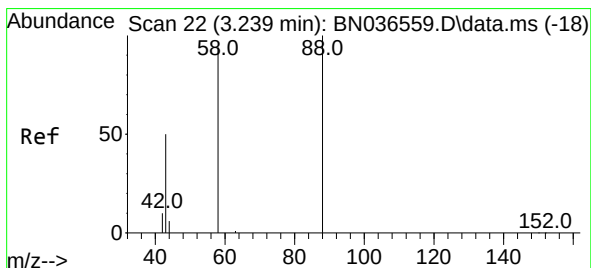
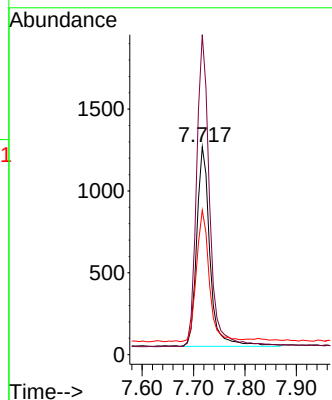
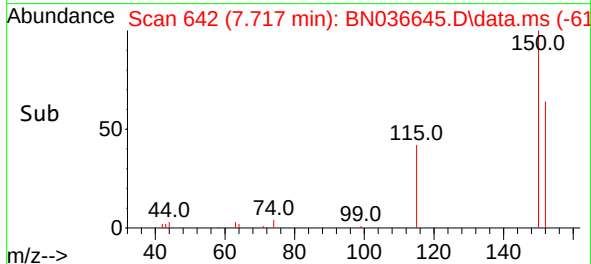


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN036645.D
 Acq: 15 Mar 2025 15:48

Instrument :
 BNA_N
 ClientSampleId :
 RW4-RE137-20250311

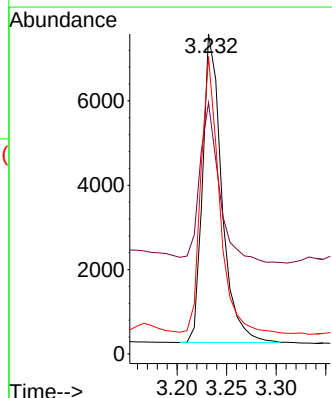
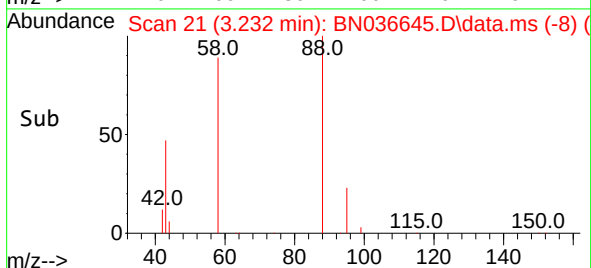
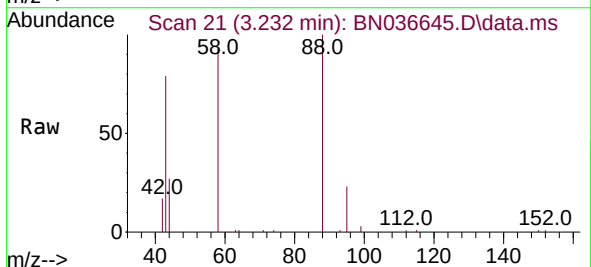


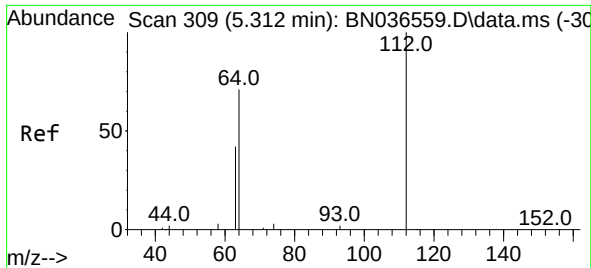
Tgt Ion:152 Resp: 2171
 Ion Ratio Lower Upper
 152 100
 150 153.9 123.7 185.5
 115 69.5 54.3 81.5



#2
 1,4-Dioxane
 Concen: 4.069 ng
 RT: 3.232 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN036645.D
 Acq: 15 Mar 2025 15:48

Tgt Ion: 88 Resp: 9800
 Ion Ratio Lower Upper
 88 100
 43 52.7 37.8 56.8
 58 86.1 67.4 101.2

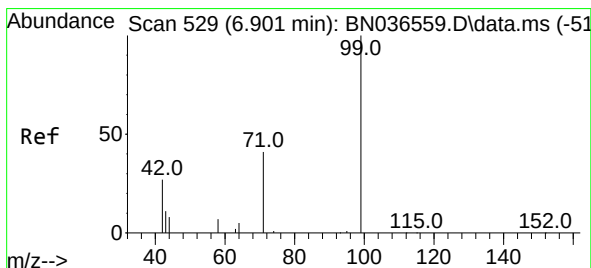
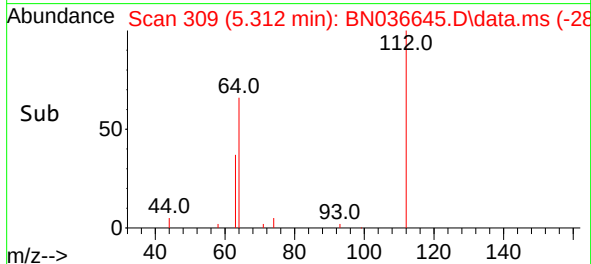
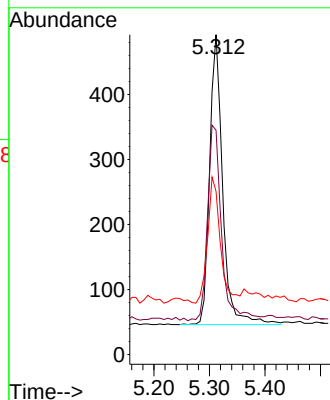
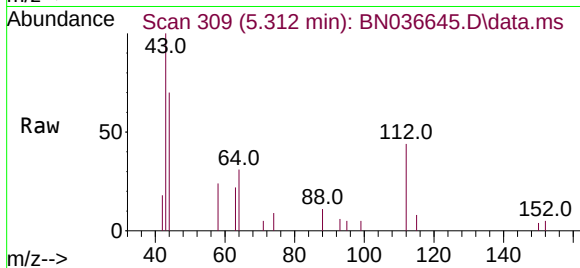




#4
2-Fluorophenol
Concen: 0.144 ng
RT: 5.312 min Scan# 309
Delta R.T. -0.000 min
Lab File: BN036645.D
Acq: 15 Mar 2025 15:48

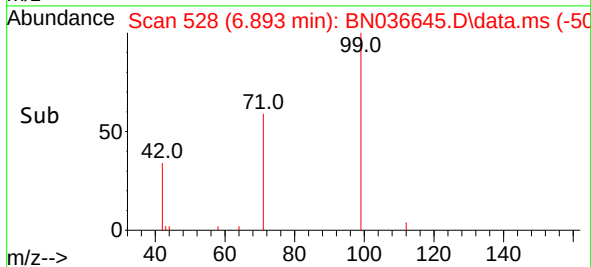
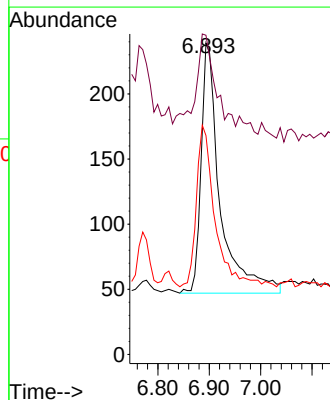
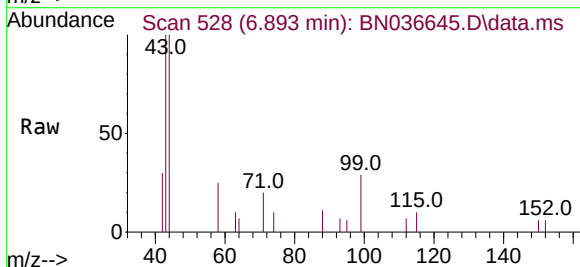
Instrument :
BNA_N
ClientSampleId :
RW4-RE137-20250311

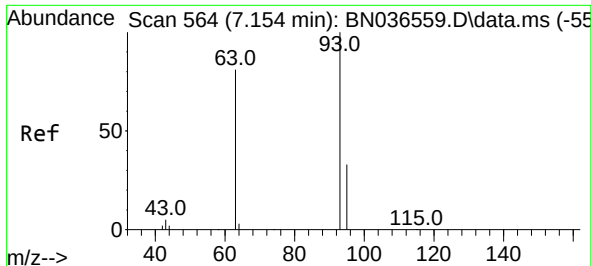
Tgt Ion:112 Resp: 728
Ion Ratio Lower Upper
112 100
64 72.5 53.1 79.7
63 42.9 31.8 47.8



#5
Phenol-d6
Concen: 0.079 ng
RT: 6.893 min Scan# 528
Delta R.T. -0.008 min
Lab File: BN036645.D
Acq: 15 Mar 2025 15:48

Tgt Ion: 99 Resp: 494
Ion Ratio Lower Upper
99 100
42 35.2 26.5 39.7
71 63.2 34.1 51.1#

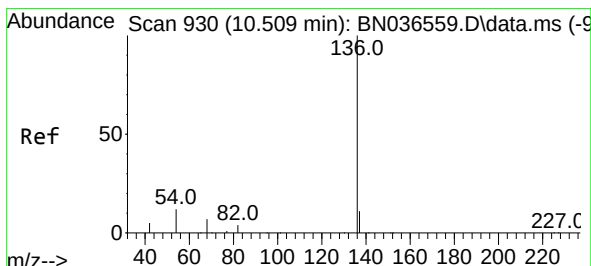
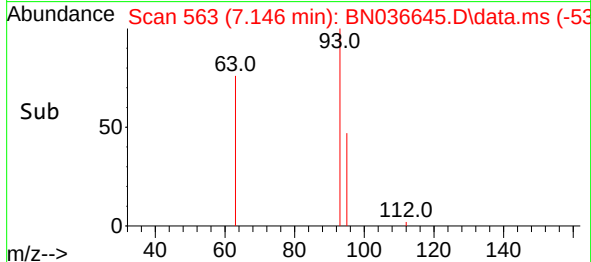
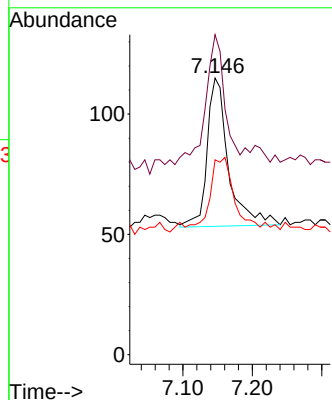
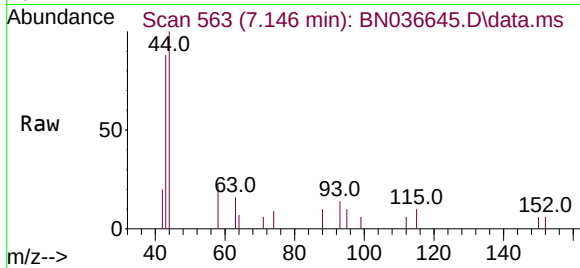




#6
bis(2-Chloroethyl)ether
Concen: 0.020 ng
RT: 7.146 min Scan# 563
Delta R.T. -0.008 min
Lab File: BN036645.D
Acq: 15 Mar 2025 15:48

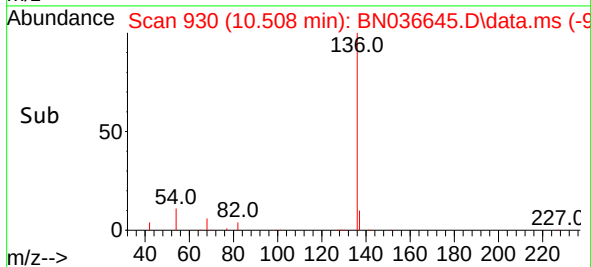
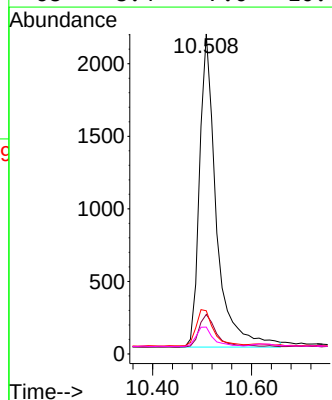
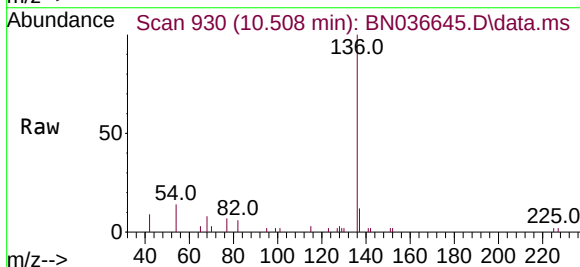
Instrument :
BNA_N
ClientSampleId :
RW4-RE137-20250311

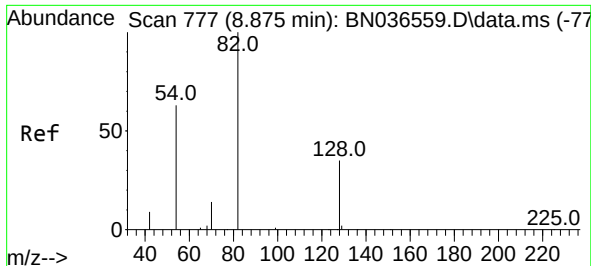
Tgt Ion: 93 Resp: 132
Ion Ratio Lower Upper
93 100
63 80.3 67.7 101.5
95 58.3 25.6 38.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.508 min Scan# 930
Delta R.T. -0.000 min
Lab File: BN036645.D
Acq: 15 Mar 2025 15:48

Tgt Ion:136 Resp: 5098
Ion Ratio Lower Upper
136 100
137 12.3 10.3 15.5
54 13.5 11.5 17.3
68 8.4 7.0 10.4

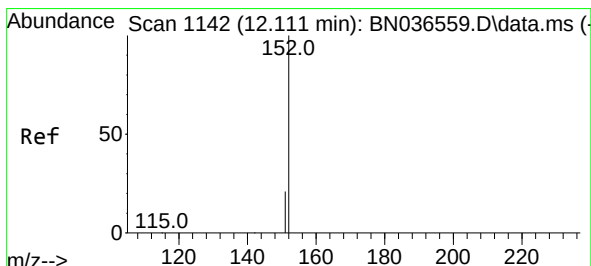
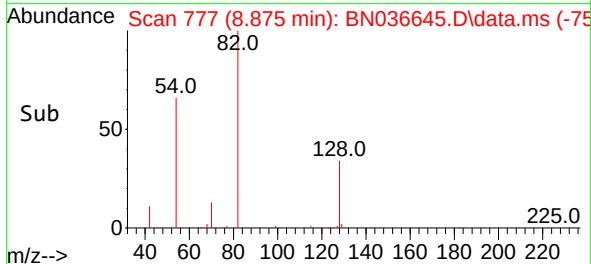
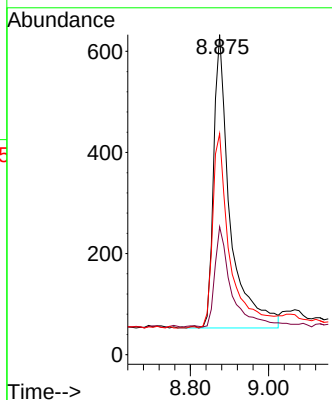
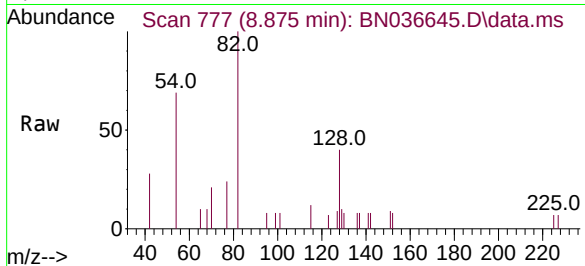




#8
Nitrobenzene-d5
Concen: 0.306 ng
RT: 8.875 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN036645.D
Acq: 15 Mar 2025 15:48

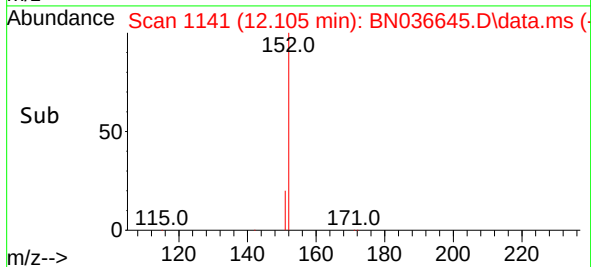
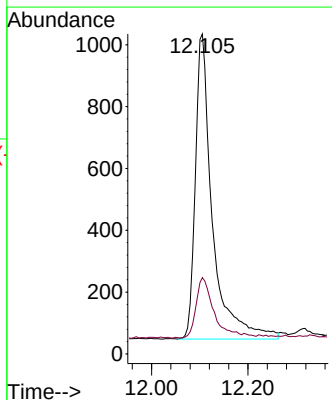
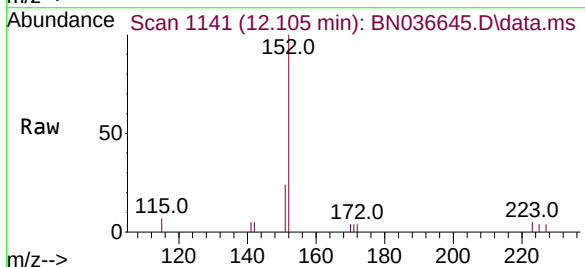
Instrument :
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ClientSampleId :
RW4-RE137-20250311

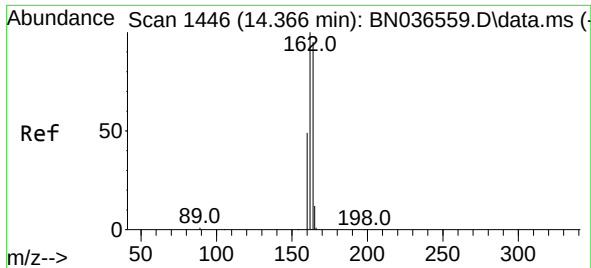
Tgt Ion: 82 Resp: 1698
Ion Ratio Lower Upper
82 100
128 40.0 30.6 45.8
54 69.0 52.2 78.4



#11
2-Methylnaphthalene-d10
Concen: 0.321 ng
RT: 12.105 min Scan# 1141
Delta R.T. -0.005 min
Lab File: BN036645.D
Acq: 15 Mar 2025 15:48

Tgt Ion:152 Resp: 2434
Ion Ratio Lower Upper
152 100
151 20.2 17.0 25.6

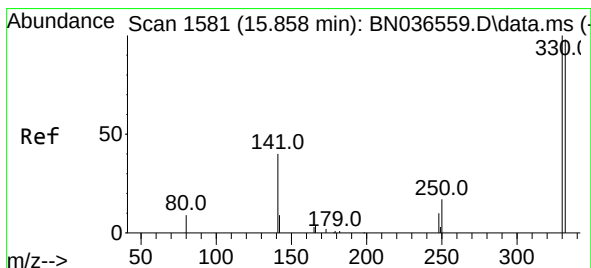
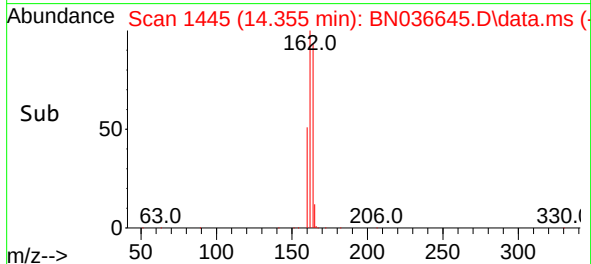
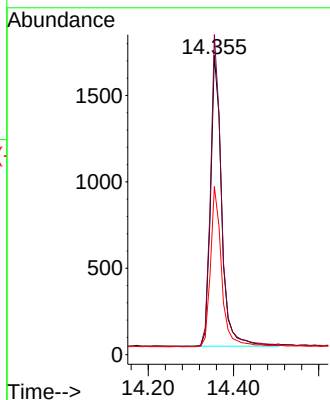
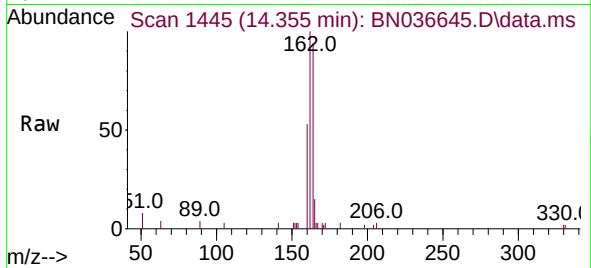




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 1446
Delta R.T. -0.011 min
Lab File: BN036645.D
Acq: 15 Mar 2025 15:48

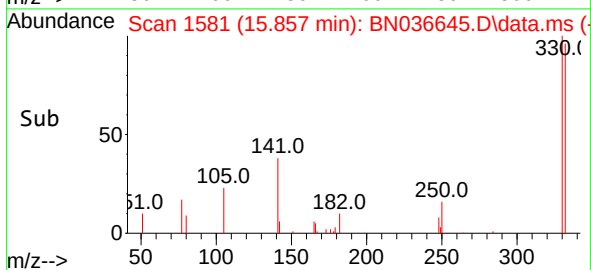
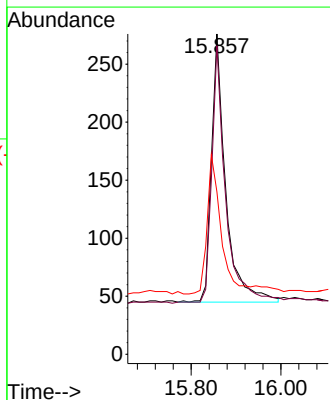
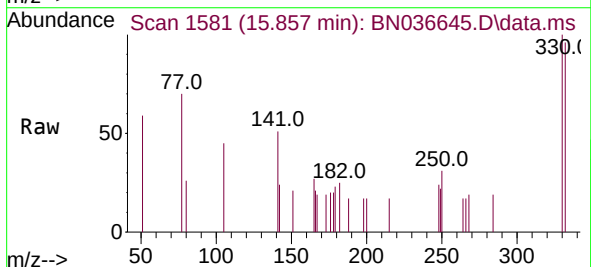
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ClientSampleId :
RW4-RE137-20250311

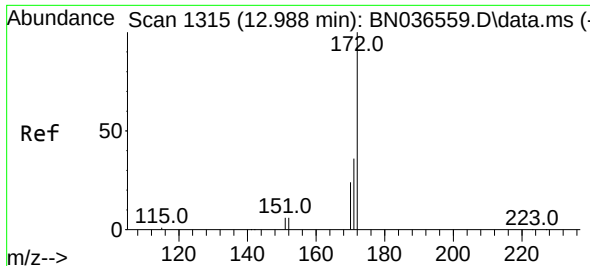
Tgt Ion:164 Resp: 3040
Ion Ratio Lower Upper
164 100
162 106.9 84.2 126.2
160 56.2 42.2 63.2



#14
2,4,6-Tribromophenol
Concen: 0.369 ng
RT: 15.857 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BN036645.D
Acq: 15 Mar 2025 15:48

Tgt Ion:330 Resp: 509
Ion Ratio Lower Upper
330 100
332 91.2 75.2 112.8
141 54.8 43.4 65.2

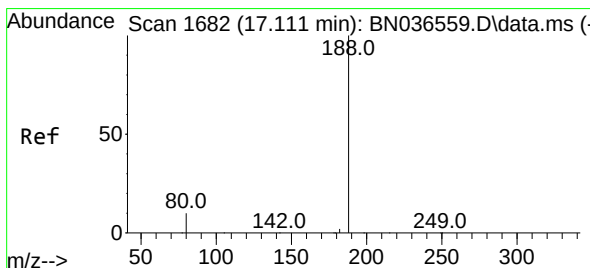
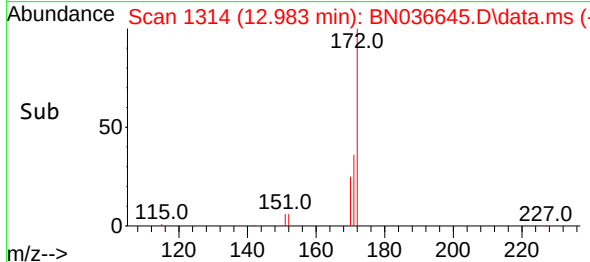
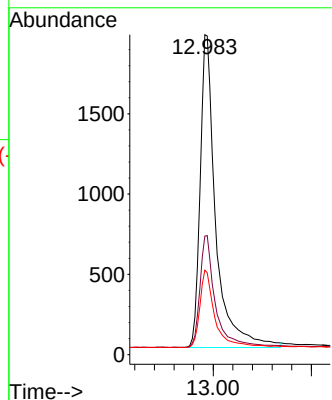
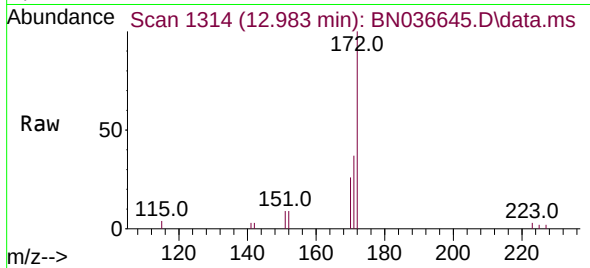




#15
2-Fluorobiphenyl
Concen: 0.322 ng
RT: 12.983 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN036645.D
Acq: 15 Mar 2025 15:48

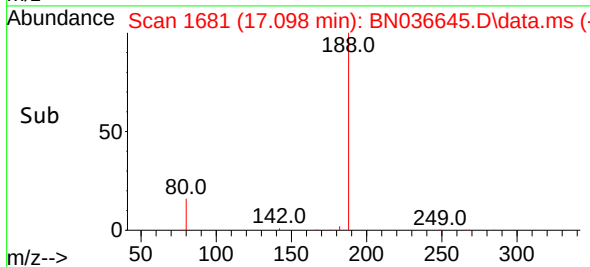
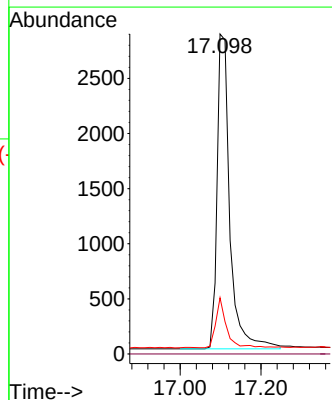
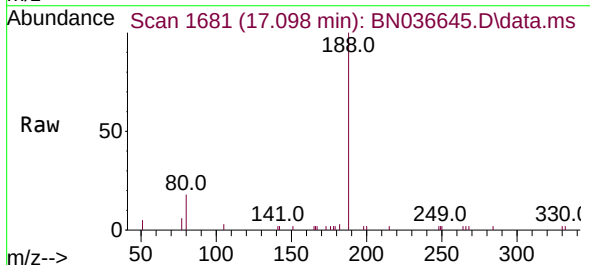
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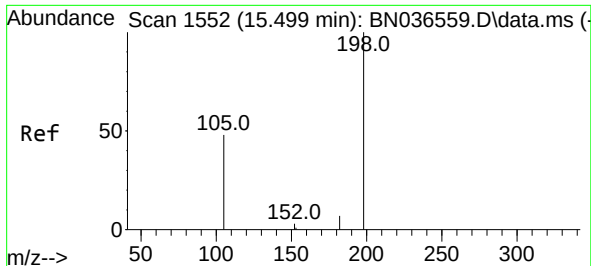
Tgt Ion:172 Resp: 5690
Ion Ratio Lower Upper
172 100
171 37.0 29.5 44.3
170 26.4 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.098 min Scan# 1681
Delta R.T. -0.013 min
Lab File: BN036645.D
Acq: 15 Mar 2025 15:48

Tgt Ion:188 Resp: 6270
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 17.5 8.8 13.2#

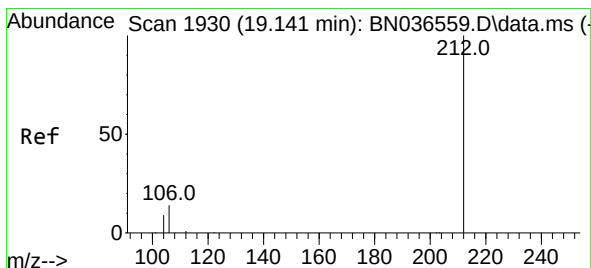
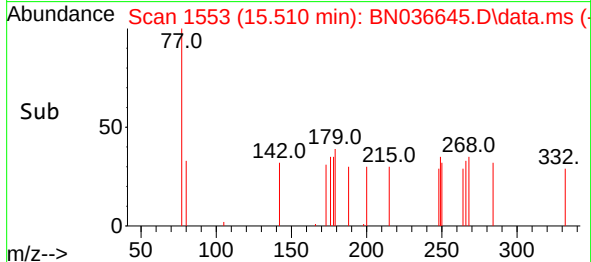
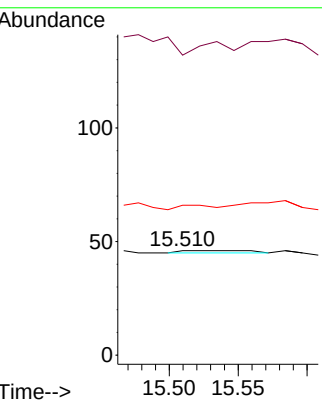
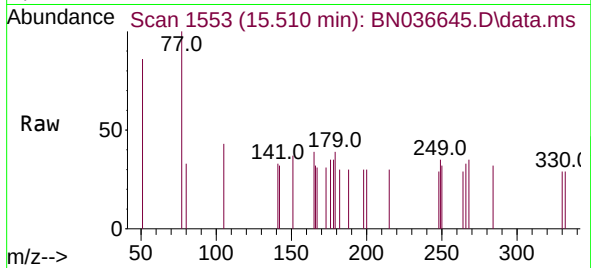




#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.510 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN036645.D
Acq: 15 Mar 2025 15:48

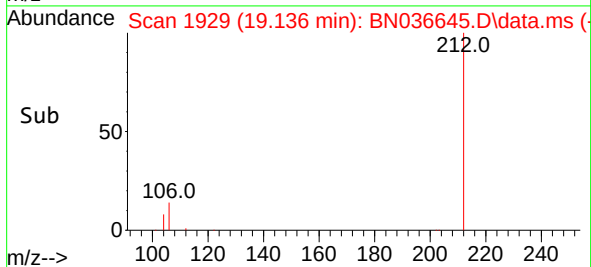
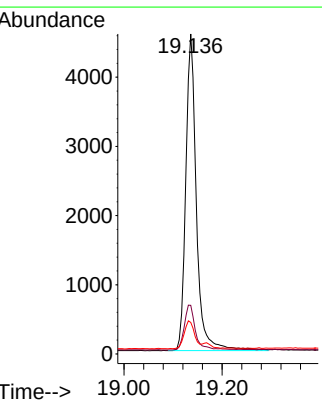
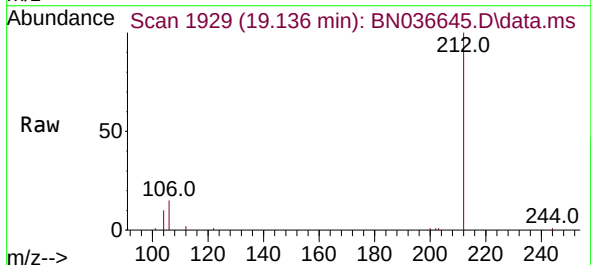
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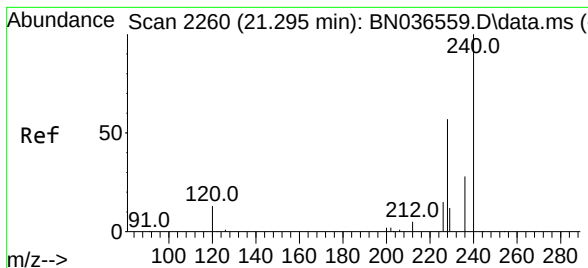
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 287.0 107.9 161.9#
105 143.5 56.2 84.2#



#27
Fluoranthene-d10
Concen: 0.428 ng
RT: 19.136 min Scan# 1929
Delta R.T. -0.005 min
Lab File: BN036645.D
Acq: 15 Mar 2025 15:48

Tgt Ion:212 Resp: 6882
Ion Ratio Lower Upper
212 100
106 15.3 11.8 17.6
104 8.9 7.3 10.9





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.294 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN036645.D

Acq: 15 Mar 2025 15:48

Instrument :

BNA_N

ClientSampleId :

RW4-RE137-20250311

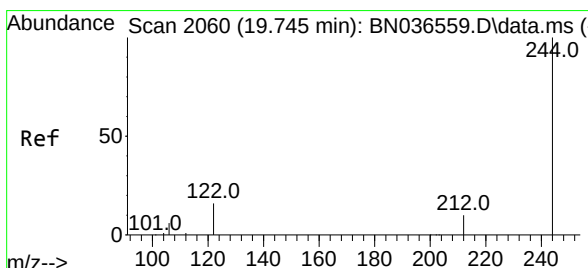
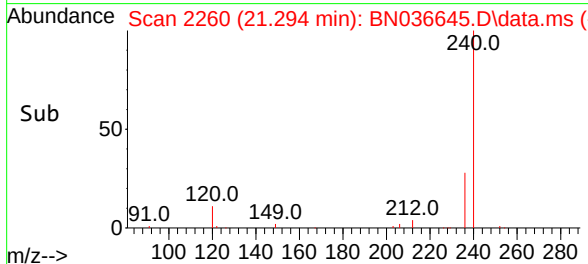
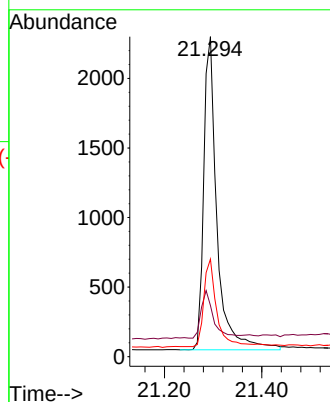
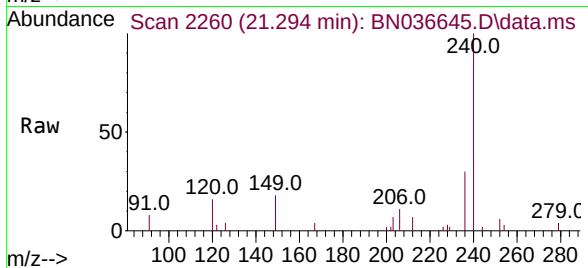
Tgt Ion:240 Resp: 4242

Ion Ratio Lower Upper

240 100

120 16.0 14.6 22.0

236 30.5 24.1 36.1



#31

Terphenyl-d14

Concen: 0.464 ng

RT: 19.735 min Scan# 2058

Delta R.T. -0.010 min

Lab File: BN036645.D

Acq: 15 Mar 2025 15:48

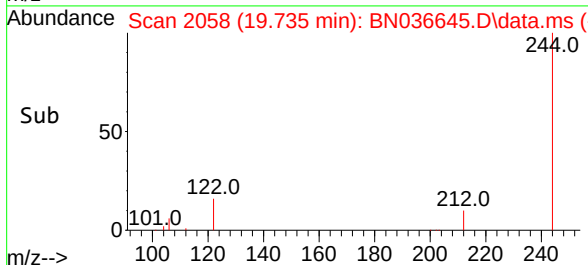
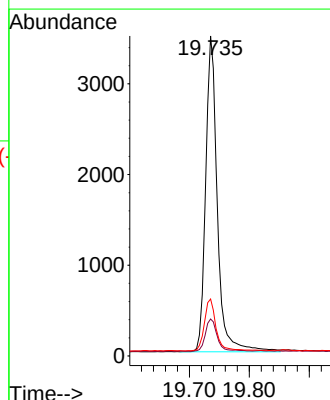
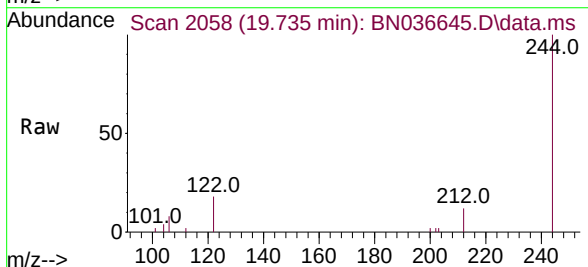
Tgt Ion:244 Resp: 4716

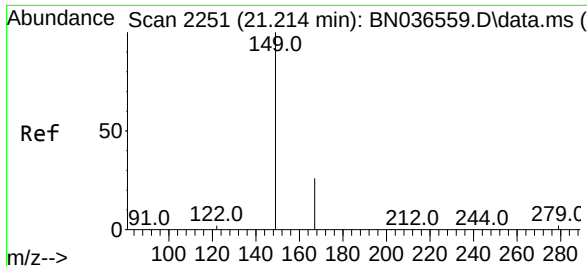
Ion Ratio Lower Upper

244 100

212 11.5 9.6 14.4

122 17.8 13.9 20.9

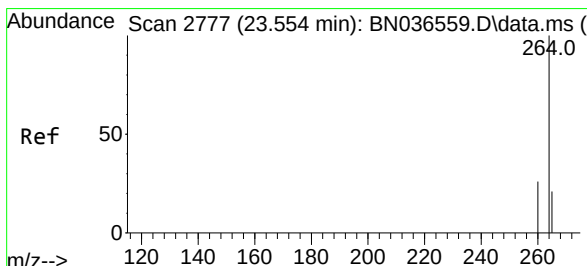
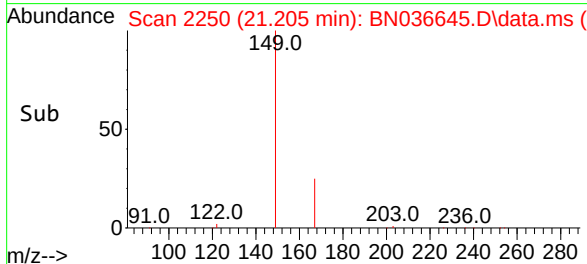
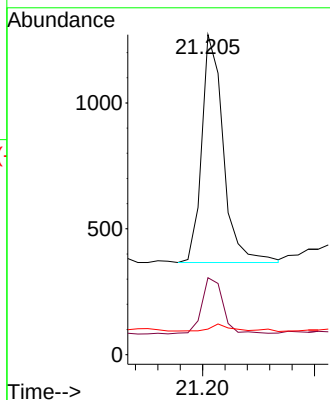
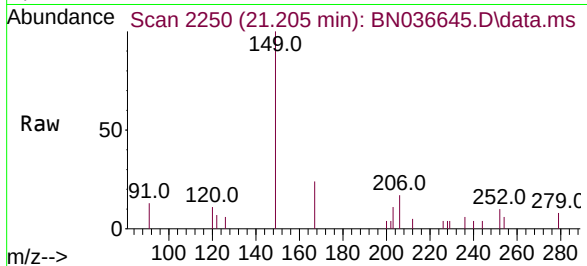




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.115 ng
 RT: 21.205 min Scan# 2121
 Delta R.T. -0.009 min
 Lab File: BN036645.D
 Acq: 15 Mar 2025 15:48

Instrument :
 BNA_N
 ClientSampleId :
 RW4-RE137-20250311

Tgt Ion:	149	Resp:	1211
Ion Ratio	Lower	Upper	
149	100		
167	24.1	20.7	31.1
279	4.0	3.6	5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.545 min Scan# 2774
 Delta R.T. -0.009 min
 Lab File: BN036645.D
 Acq: 15 Mar 2025 15:48

Tgt Ion:	264	Resp:	3367
Ion Ratio	Lower	Upper	
264	100		
260	28.1	22.6	33.8
265	99.2	88.1	132.1

