

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080525\
 Data File : BN037563.D
 Acq On : 05 Aug 2025 11:59
 Operator : RC/JU
 Sample : Q2746-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20250731

Quant Time: Aug 06 01:38:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 19 01:46:16 2025
 Response via : Initial Calibration

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

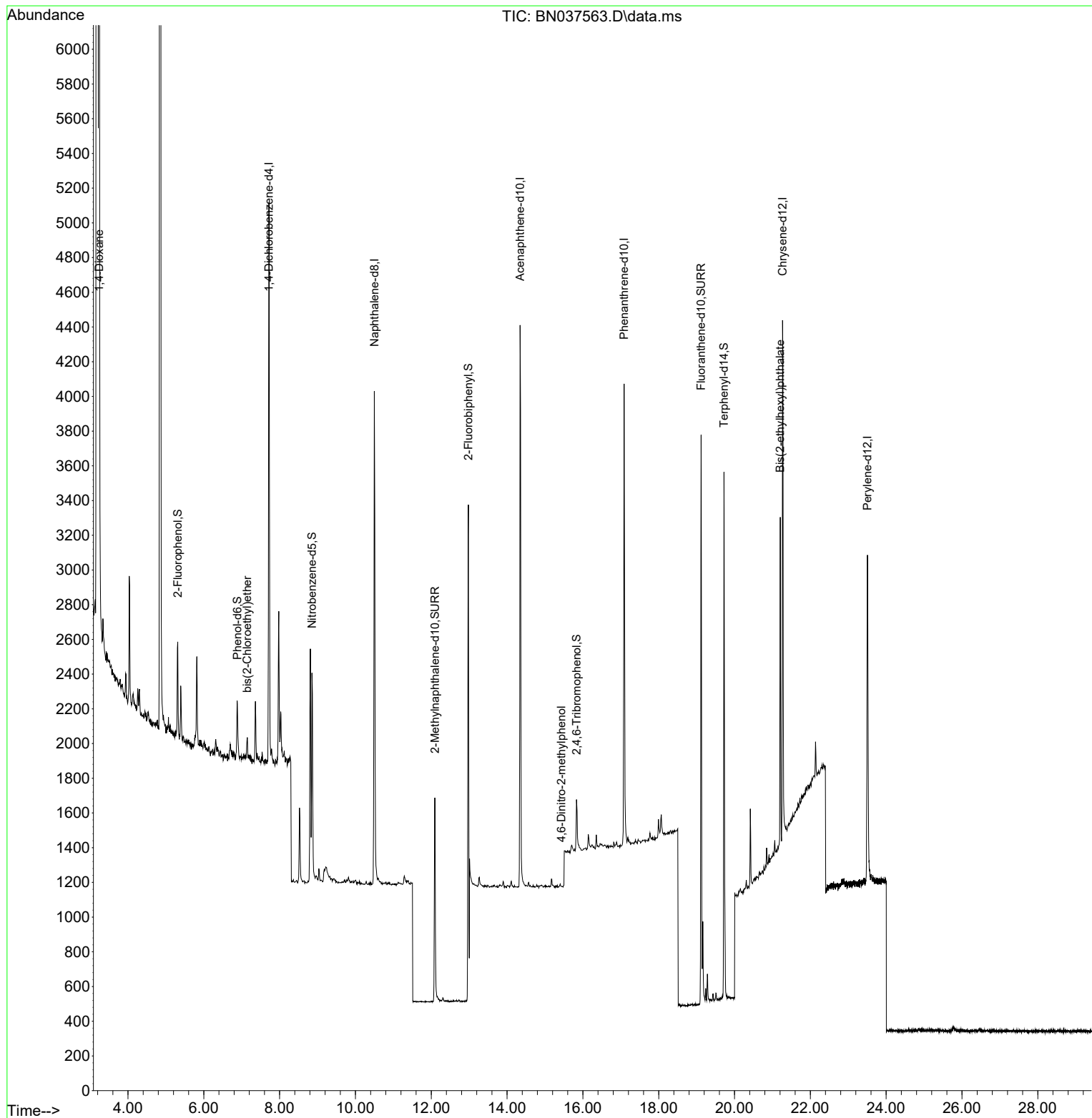
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	1609	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	3989	0.400	ng	#-0.01
13) Acenaphthene-d10	14.345	164	1937	0.400	ng	-0.01
19) Phenanthrene-d10	17.086	188	3786	0.400	ng	#-0.01
29) Chrysene-d12	21.268	240	3070	0.400	ng	# 0.00
35) Perylene-d12	23.507	264	2628	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	446	0.112	ng	0.00
5) Phenol-d6	6.887	99	313	0.063	ng	0.00
8) Nitrobenzene-d5	8.854	82	1008	0.338	ng	-0.01
11) 2-Methylnaphthalene-d10	12.096	152	1750	0.306	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	194	0.204	ng	-0.01
15) 2-Fluorobiphenyl	12.978	172	3806	0.378	ng	0.00
27) Fluoranthene-d10	19.118	212	3683	0.367	ng	0.00
31) Terphenyl-d14	19.722	244	2892	0.438	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	5201	3.362	ng	98
6) bis(2-Chloroethyl)ether	7.147	93	91	0.022	ng	92
20) 4,6-Dinitro-2-methylph...	15.435	198	1	0.095	ng	# 35
34) Bis(2-ethylhexyl)phtha...	21.205	149	1702	0.352	ng	96

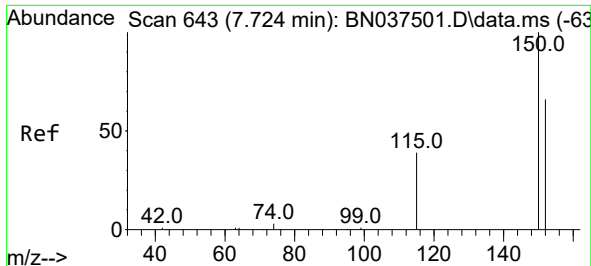
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080525\
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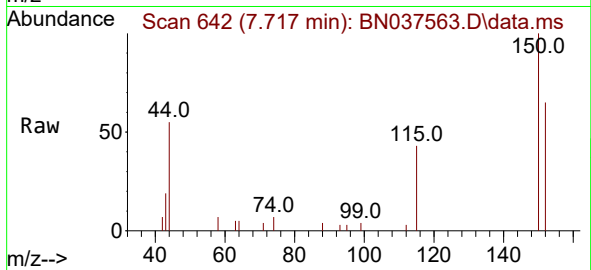
Quant Time: Aug 06 01:38:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
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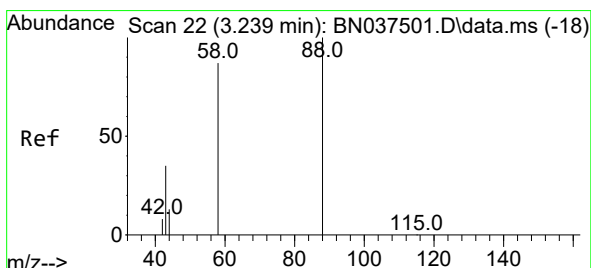
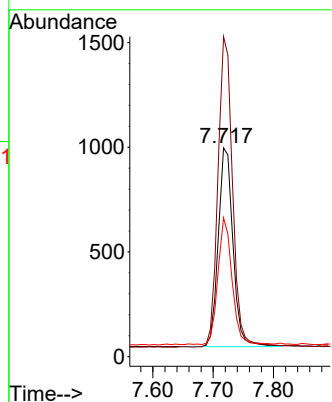
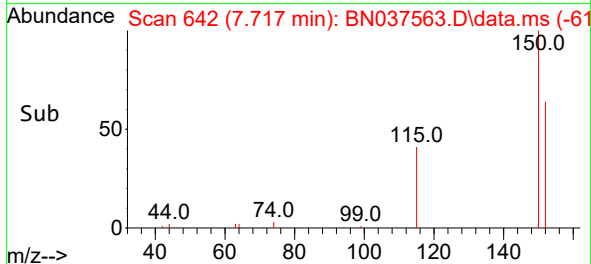


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN037563.D
 Acq: 05 Aug 2025 11:59

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20250731

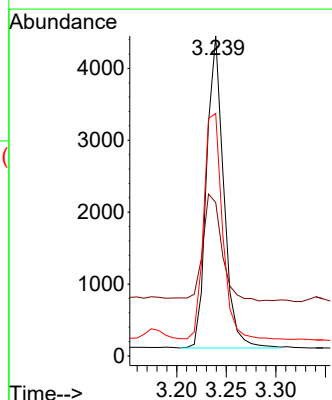
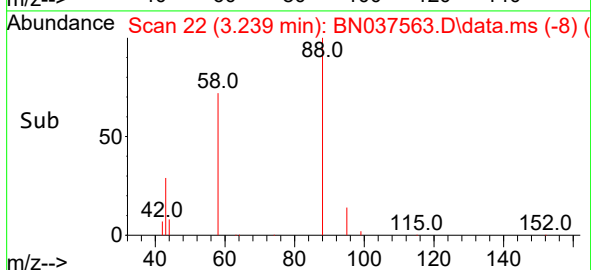
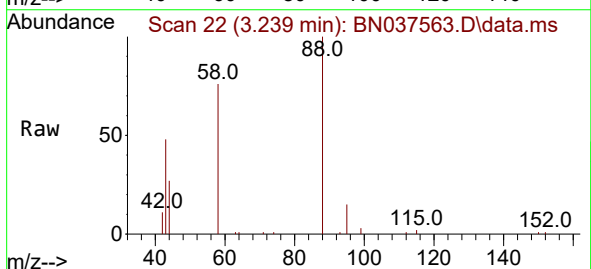


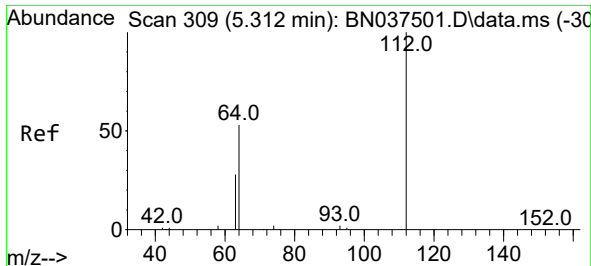
Tgt Ion:152 Resp: 1609
 Ion Ratio Lower Upper
 152 100
 150 153.3 119.8 179.8
 115 66.5 49.1 73.7



#2
 1,4-Dioxane
 Concen: 3.362 ng
 RT: 3.239 min Scan# 22
 Delta R.T. -0.000 min
 Lab File: BN037563.D
 Acq: 05 Aug 2025 11:59

Tgt Ion: 88 Resp: 5201
 Ion Ratio Lower Upper
 88 100
 43 37.8 27.5 41.3
 58 78.5 62.7 94.1

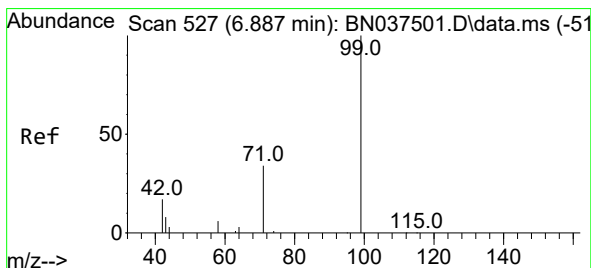
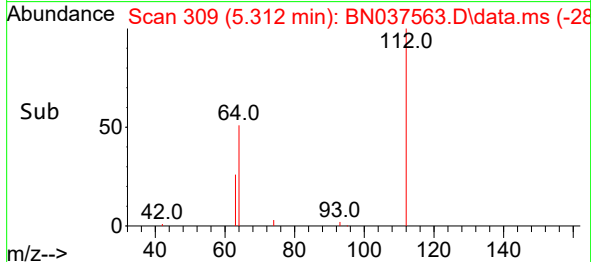
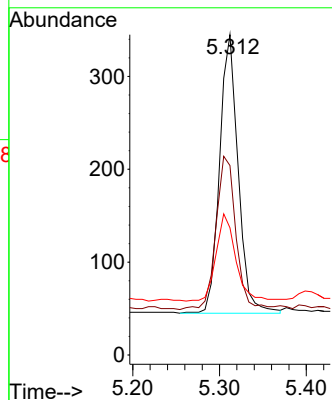
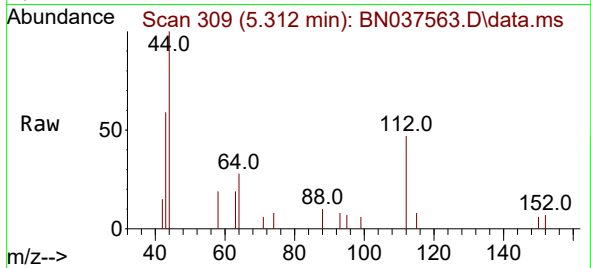




#4
2-Fluorophenol
Concen: 0.112 ng
RT: 5.312 min Scan# 309
Delta R.T. -0.000 min
Lab File: BN037563.D
Acq: 05 Aug 2025 11:59

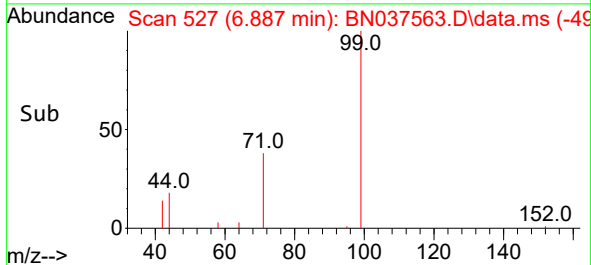
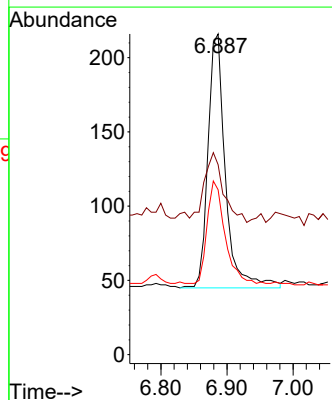
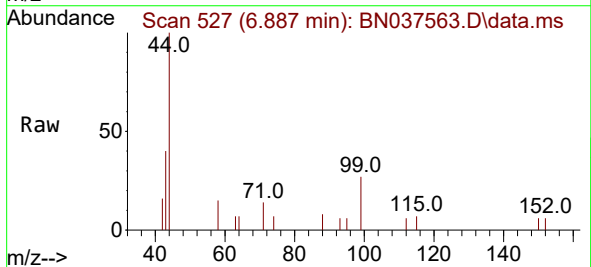
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250731

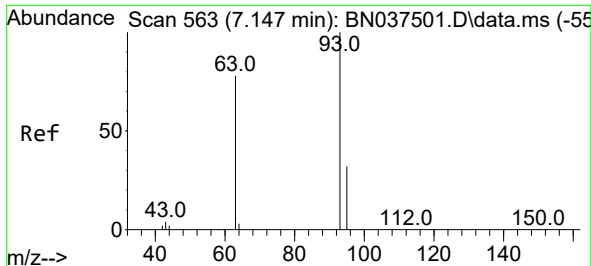
Tgt Ion:112 Resp: 446
Ion Ratio Lower Upper
112 100
64 59.6 45.1 67.7
63 33.2 23.8 35.8



#5
Phenol-d6
Concen: 0.063 ng
RT: 6.887 min Scan# 527
Delta R.T. -0.000 min
Lab File: BN037563.D
Acq: 05 Aug 2025 11:59

Tgt Ion: 99 Resp: 313
Ion Ratio Lower Upper
99 100
42 30.0 17.1 25.7#
71 42.8 27.8 41.8#

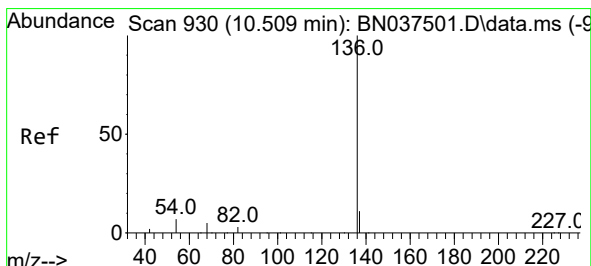
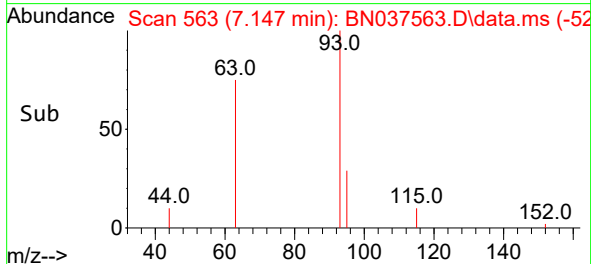
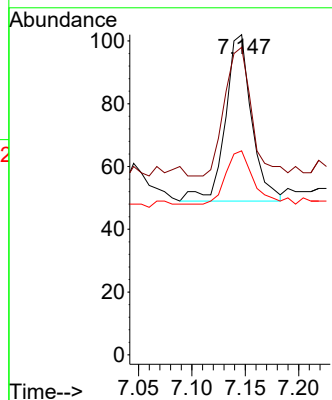
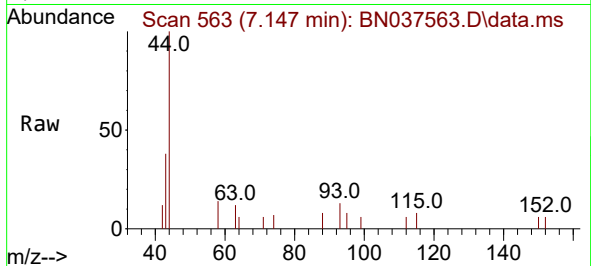




#6
bis(2-Chloroethyl)ether
Concen: 0.022 ng
RT: 7.147 min Scan# 50
Delta R.T. -0.000 min
Lab File: BN037563.D
Acq: 05 Aug 2025 11:59

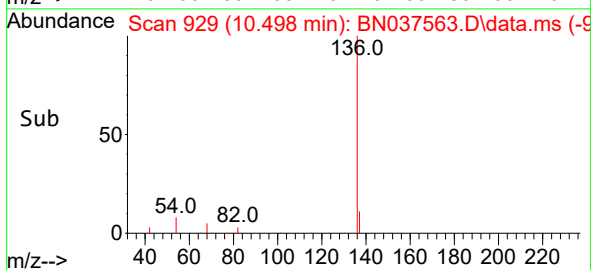
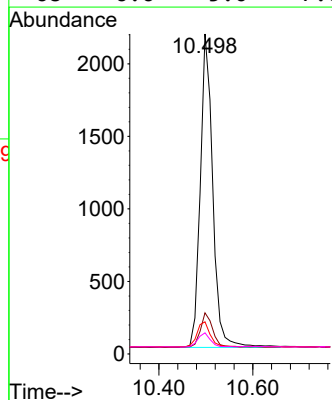
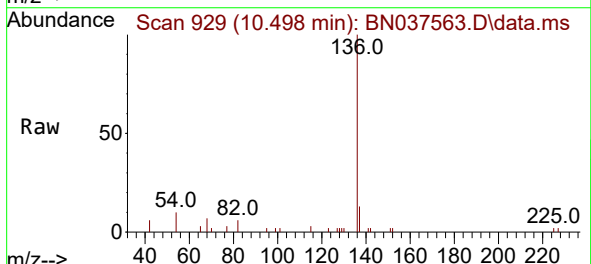
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250731

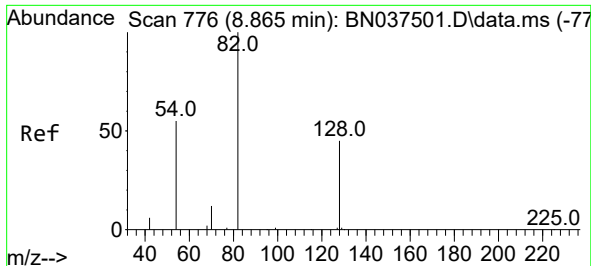
Tgt Ion: 93 Resp: 91
Ion Ratio Lower Upper
93 100
63 81.3 58.2 87.4
95 34.1 25.3 37.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. -0.011 min
Lab File: BN037563.D
Acq: 05 Aug 2025 11:59

Tgt Ion: 136 Resp: 3989
Ion Ratio Lower Upper
136 100
137 12.9 9.8 14.8
54 10.1 6.6 9.8#
68 6.6 5.0 7.6

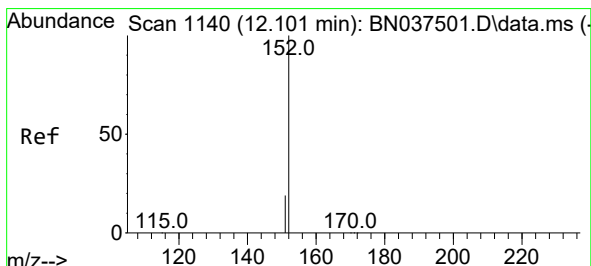
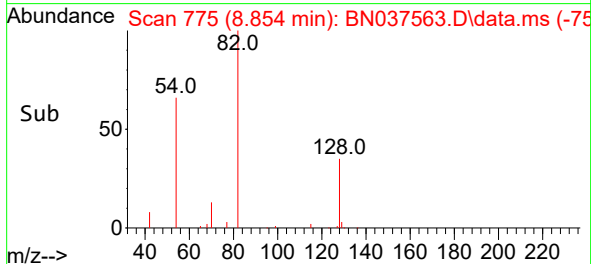
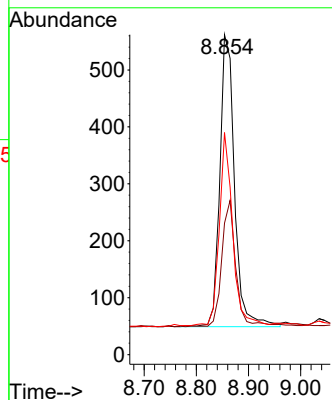
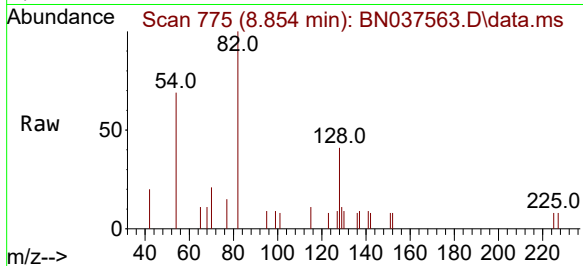




#8
 Nitrobenzene-d5
 Concen: 0.338 ng
 RT: 8.854 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN037563.D
 Acq: 05 Aug 2025 11:59

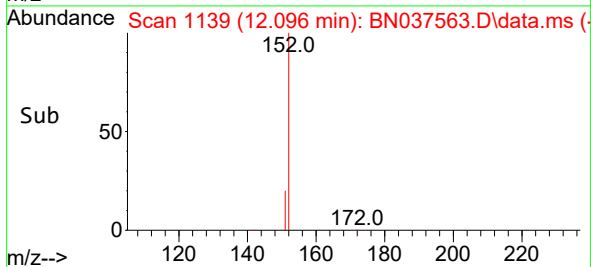
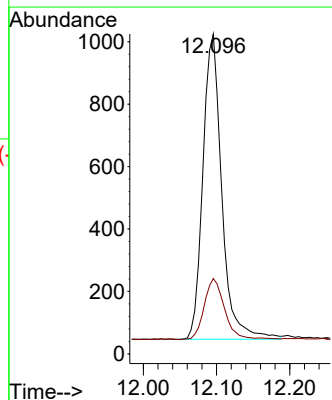
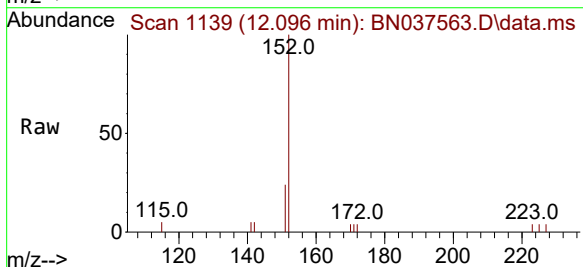
Instrument :
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 ClientSampleId :
 RW7-SP100-20250731

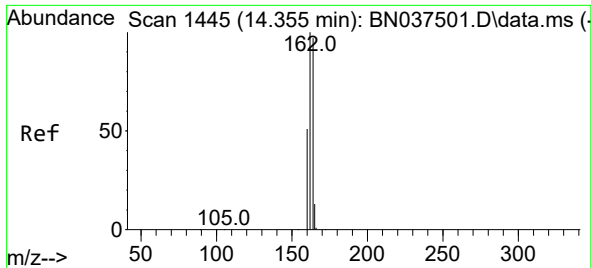
Tgt Ion: 82 Resp: 1008
 Ion Ratio Lower Upper
 82 100
 128 41.1 37.5 56.3
 54 69.4 45.3 67.9#



#11
 2-Methylnaphthalene-d10
 Concen: 0.306 ng
 RT: 12.096 min Scan# 1139
 Delta R.T. -0.005 min
 Lab File: BN037563.D
 Acq: 05 Aug 2025 11:59

Tgt Ion: 152 Resp: 1750
 Ion Ratio Lower Upper
 152 100
 151 21.7 16.8 25.2

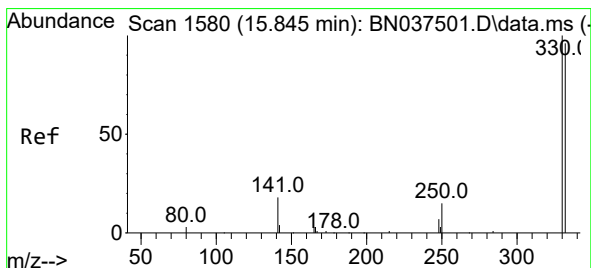
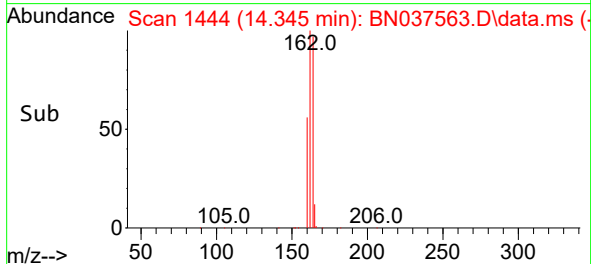
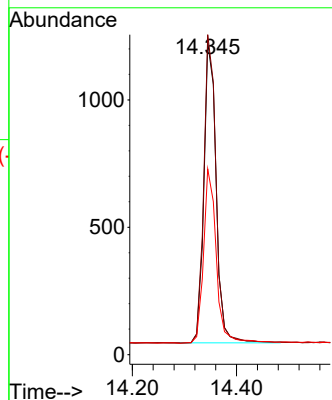
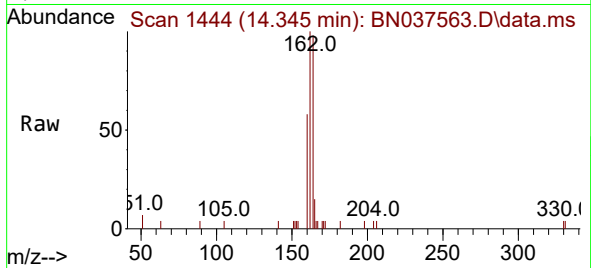




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. -0.011 min
Lab File: BN037563.D
Acq: 05 Aug 2025 11:59

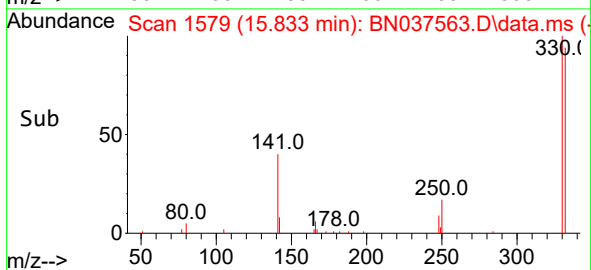
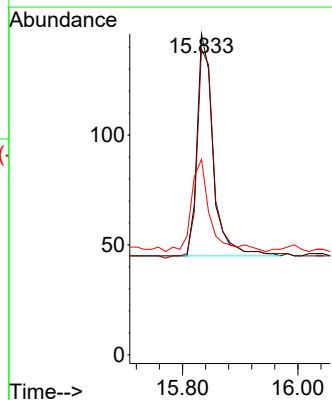
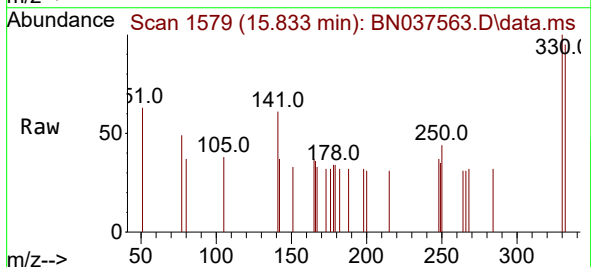
Instrument :
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ClientSampleId :
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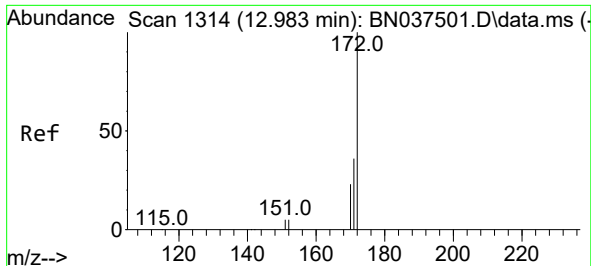
Tgt Ion:164 Resp: 1937
Ion Ratio Lower Upper
164 100
162 102.4 82.0 123.0
160 59.5 42.4 63.6



#14
2,4,6-Tribromophenol
Concen: 0.204 ng
RT: 15.833 min Scan# 1579
Delta R.T. -0.012 min
Lab File: BN037563.D
Acq: 05 Aug 2025 11:59

Tgt Ion:330 Resp: 194
Ion Ratio Lower Upper
330 100
332 104.6 76.1 114.1
141 48.5 33.4 50.0

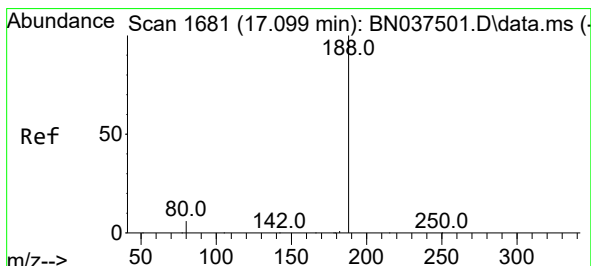
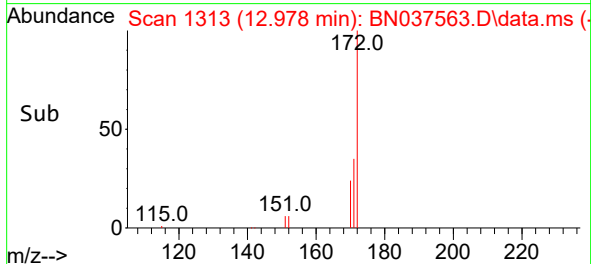
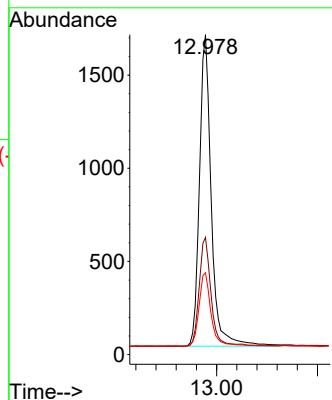
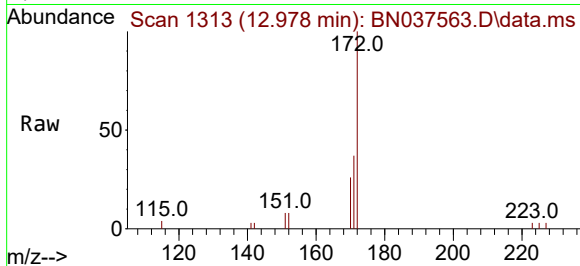




#15
2-Fluorobiphenyl
Concen: 0.378 ng
RT: 12.978 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037563.D
Acq: 05 Aug 2025 11:59

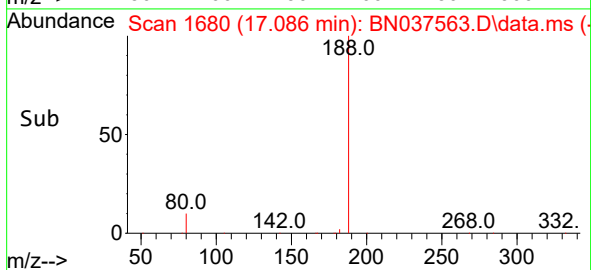
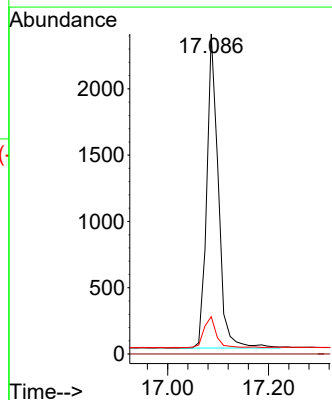
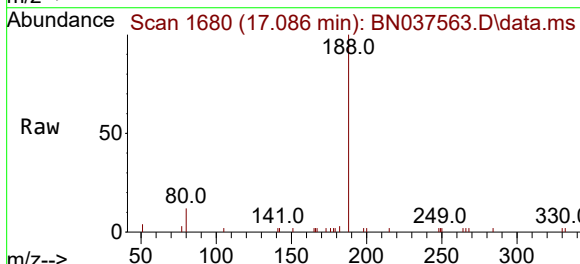
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250731

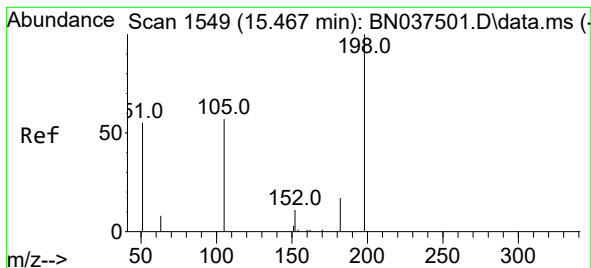
Tgt Ion:172 Resp: 3806
Ion Ratio Lower Upper
172 100
171 36.6 29.4 44.2
170 25.6 19.4 29.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BN037563.D
Acq: 05 Aug 2025 11:59

Tgt Ion:188 Resp: 3786
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.7 6.0 9.0#

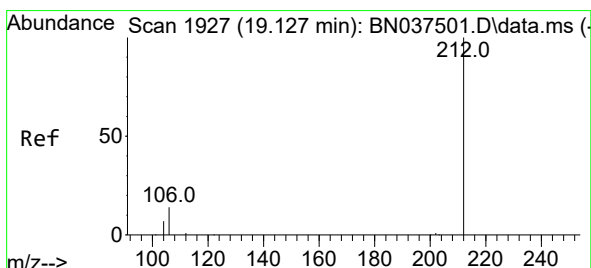
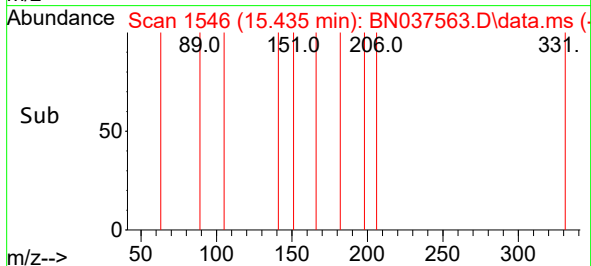
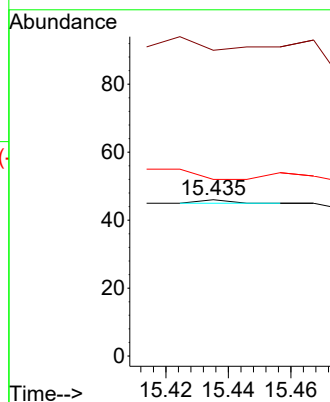
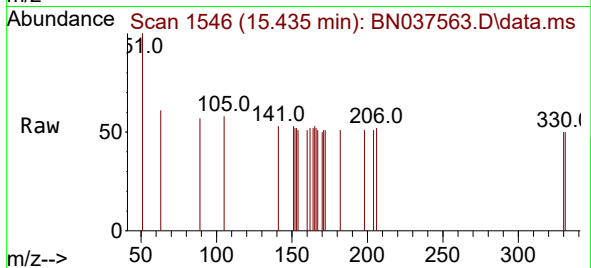




#20
4,6-Dinitro-2-methylphenol
Concen: 0.095 ng
RT: 15.435 min Scan# 1546
Delta R.T. -0.032 min
Lab File: BN037563.D
Acq: 05 Aug 2025 11:59

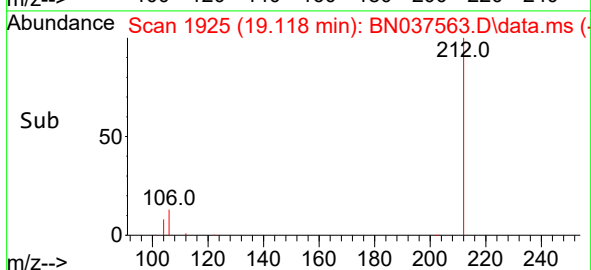
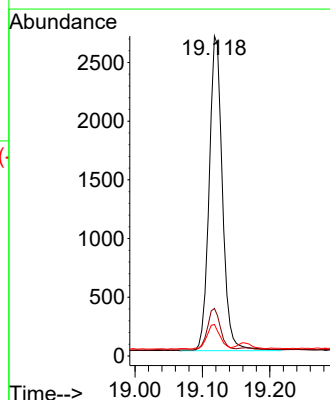
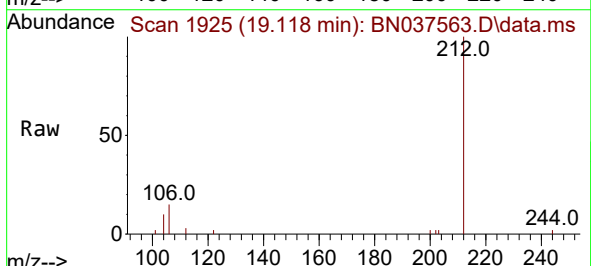
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250731

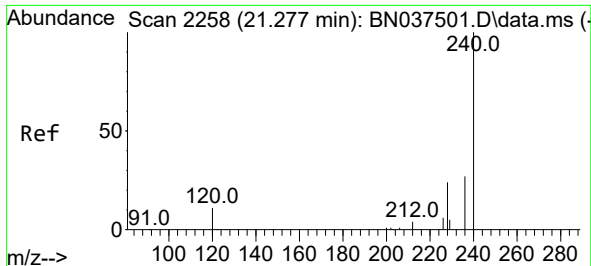
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 195.7 88.5 132.7#
105 113.0 61.2 91.8#



#27
Fluoranthene-d10
Concen: 0.367 ng
RT: 19.118 min Scan# 1925
Delta R.T. -0.009 min
Lab File: BN037563.D
Acq: 05 Aug 2025 11:59

Tgt Ion:212 Resp: 3683
Ion Ratio Lower Upper
212 100
106 13.1 12.2 18.4
104 7.6 6.7 10.1

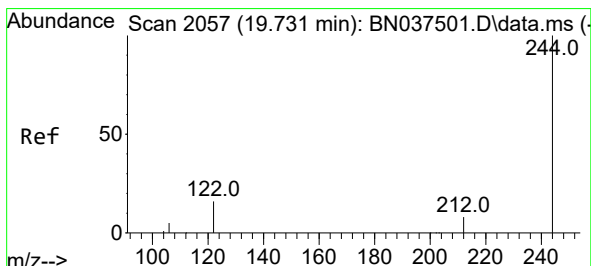
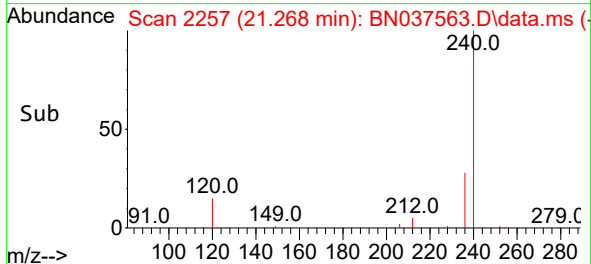
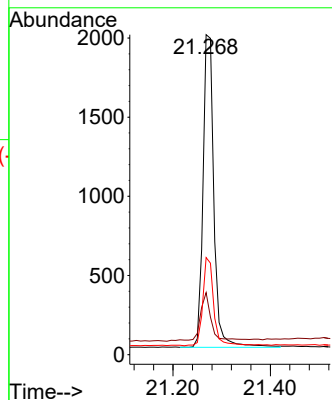
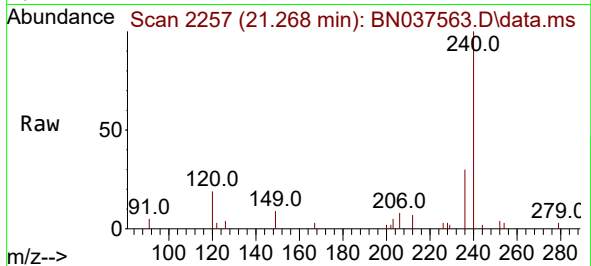




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037563.D
Acq: 05 Aug 2025 11:59

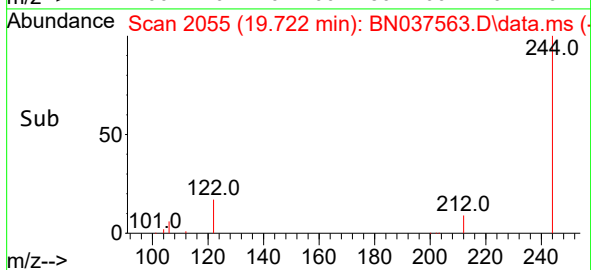
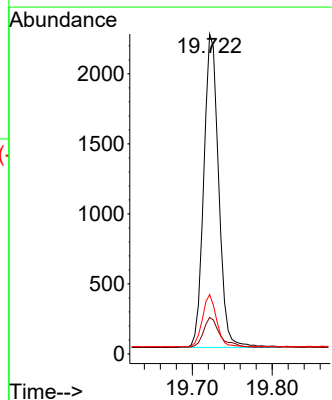
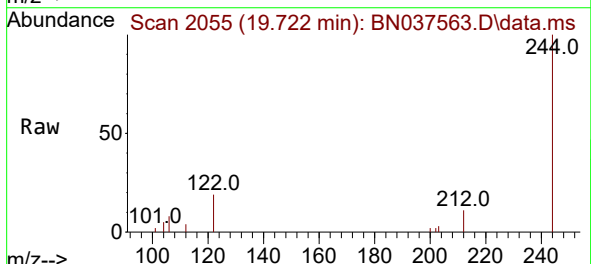
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250731

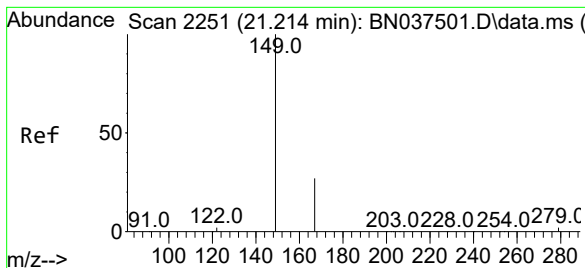
Tgt Ion:240 Resp: 3070
Ion Ratio Lower Upper
240 100
120 19.4 10.7 16.1#
236 30.3 22.6 33.8



#31
Terphenyl-d14
Concen: 0.438 ng
RT: 19.722 min Scan# 2055
Delta R.T. -0.009 min
Lab File: BN037563.D
Acq: 05 Aug 2025 11:59

Tgt Ion:244 Resp: 2892
Ion Ratio Lower Upper
244 100
212 11.4 7.4 11.2#
122 18.5 13.6 20.4

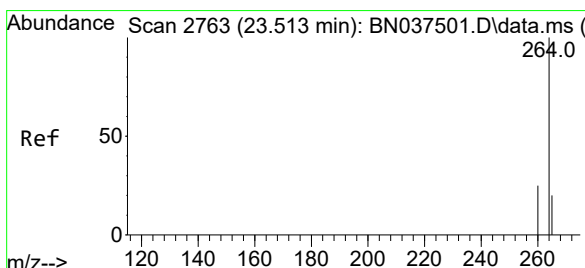
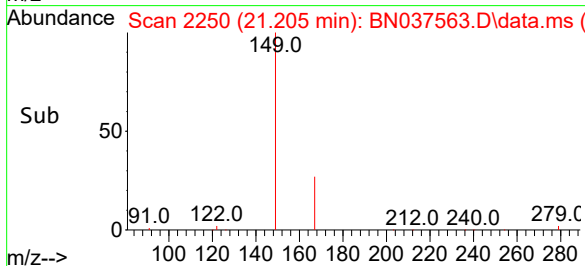
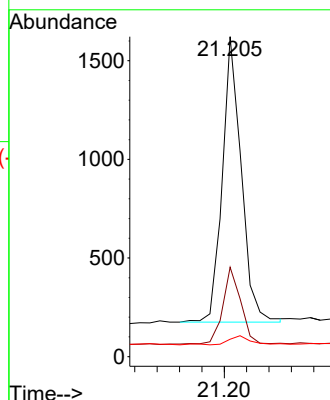
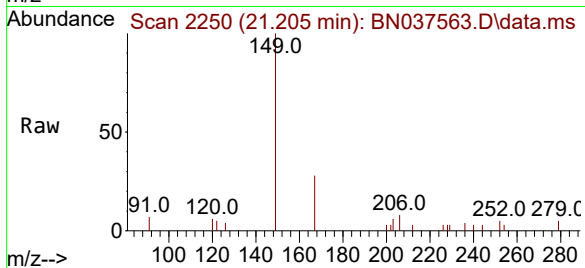




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.352 ng
RT: 21.205 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037563.D
Acq: 05 Aug 2025 11:59

Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250731

Tgt Ion:149 Resp: 1702
Ion Ratio Lower Upper
149 100
167 25.1 21.8 32.8
279 3.6 3.0 4.4



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.507 min Scan# 2761
Delta R.T. -0.006 min
Lab File: BN037563.D
Acq: 05 Aug 2025 11:59

Tgt Ion:264 Resp: 2628
Ion Ratio Lower Upper
264 100
260 27.7 21.2 31.8
265 71.7 40.4 60.6#

