

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093025\
 Data File : BN037969.D
 Acq On : 01 Oct 2025 06:00
 Operator : RC/JU
 Sample : Q3193-18
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW203D-20250923

Quant Time: Oct 01 10:35:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 11:00:01 2025
 Response via : Initial Calibration

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

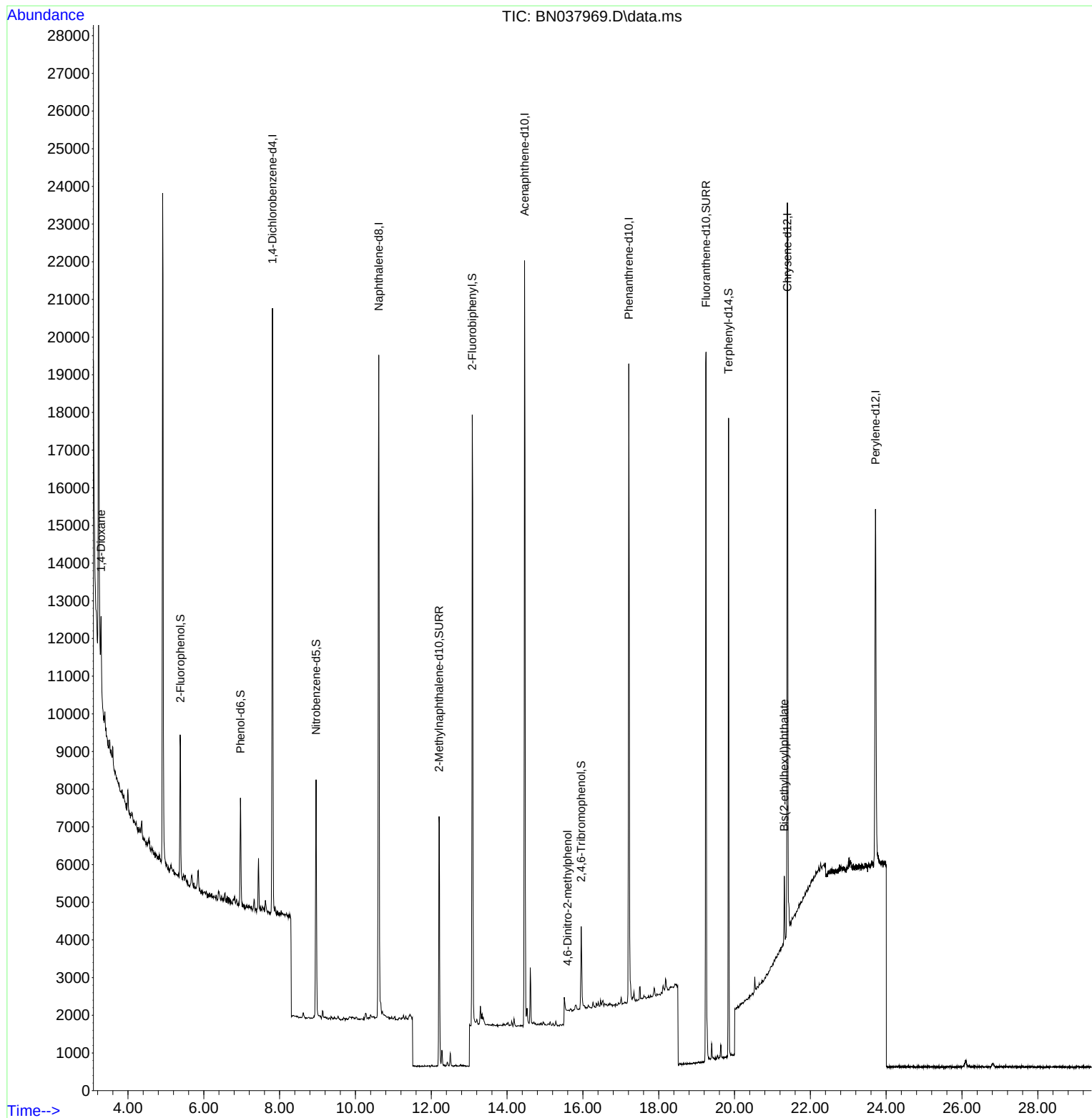
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	7655	0.400	ng	-0.01
7) Naphthalene-d8	10.616	136	22976	0.400	ng	-0.01
13) Acenaphthene-d10	14.462	164	11396	0.400	ng	-0.01
19) Phenanthrene-d10	17.211	188	23171	0.400	ng	#-0.01
29) Chrysene-d12	21.393	240	17327	0.400	ng	0.00
35) Perylene-d12	23.718	264	13520	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	3119	0.179	ng	0.00
5) Phenol-d6	6.966	99	2625	0.114	ng	0.00
8) Nitrobenzene-d5	8.961	82	4892	0.279	ng	-0.01
11) 2-Methylnaphthalene-d10	12.207	152	8822	0.276	ng	-0.01
14) 2,4,6-Tribromophenol	15.957	330	1344	0.311	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	14897	0.319	ng	-0.01
27) Fluoranthene-d10	19.248	212	21013	0.361	ng	0.00
31) Terphenyl-d14	19.843	244	15751	0.456	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	1200	0.154	ng	# 63
20) 4,6-Dinitro-2-methylph...	15.597	198	16	0.073	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.313	149	1784	0.074	ng	# 98

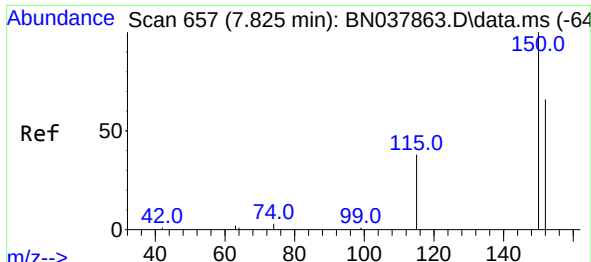
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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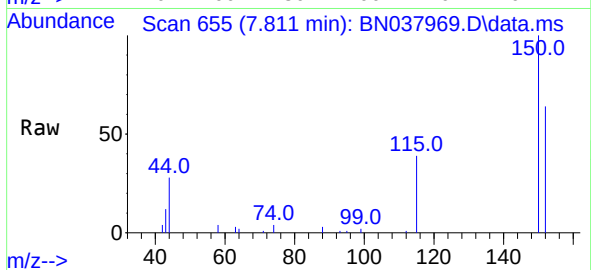
Quant Time: Oct 01 10:35:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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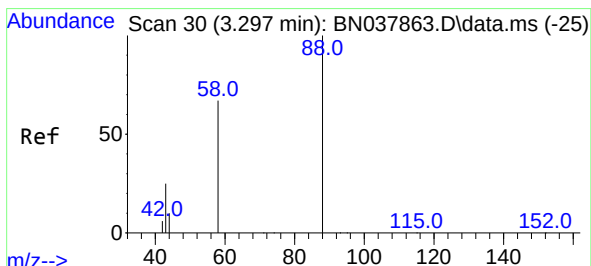
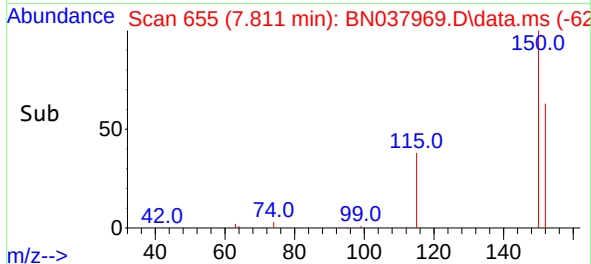
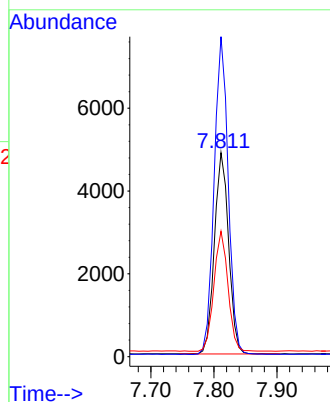


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.811 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN037969.D
 Acq: 01 Oct 2025 06:00

Instrument :
 BNA_N
 ClientSampleId :
 MW203D-20250923

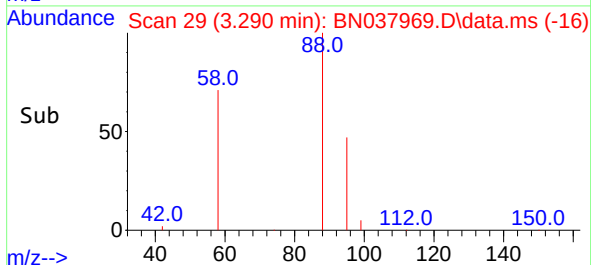
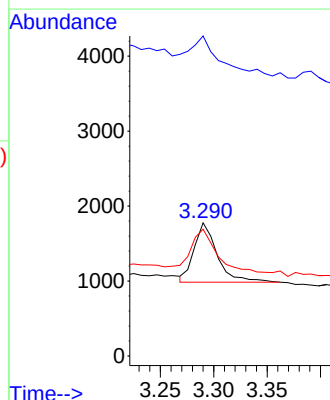
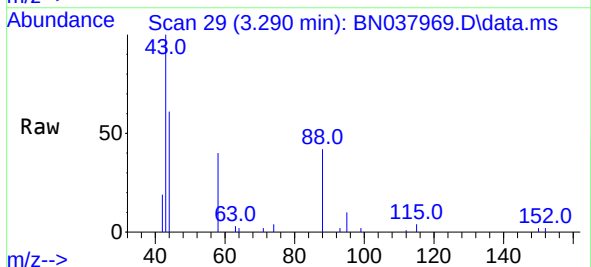


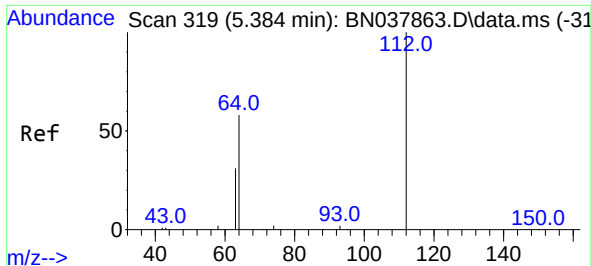
Tgt Ion:152 Resp: 7655
 Ion Ratio Lower Upper
 152 100
 150 156.9 121.0 181.4
 115 61.5 47.4 71.0



#2
 1,4-Dioxane
 Concen: 0.154 ng
 RT: 3.290 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN037969.D
 Acq: 01 Oct 2025 06:00

Tgt Ion: 88 Resp: 1200
 Ion Ratio Lower Upper
 88 100
 43 85.5 26.6 39.8#
 58 84.0 58.9 88.3

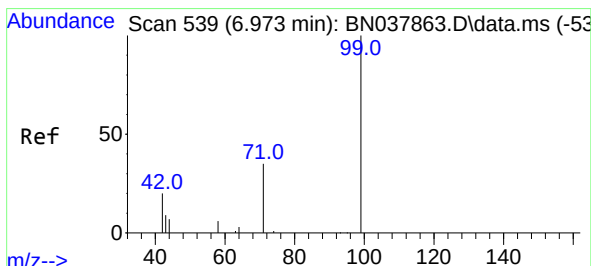
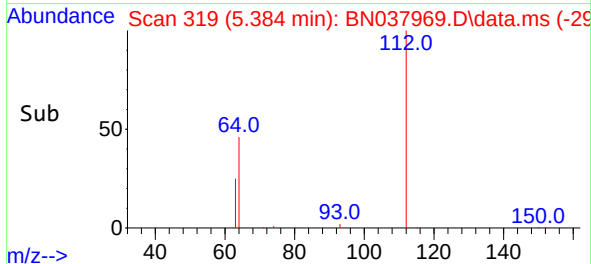
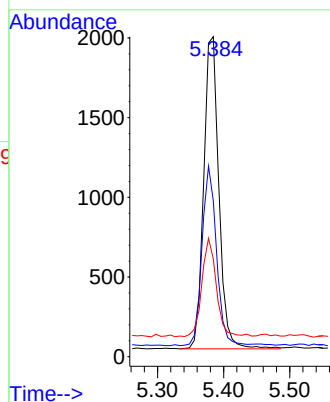
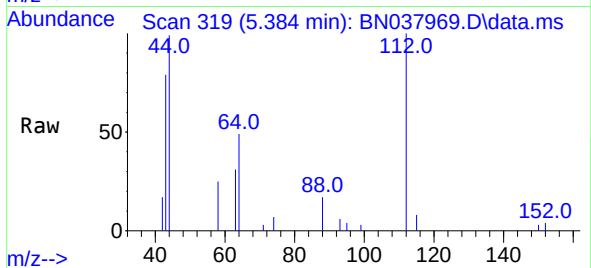




#4
2-Fluorophenol
Concen: 0.179 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN037969.D
Acq: 01 Oct 2025 06:00

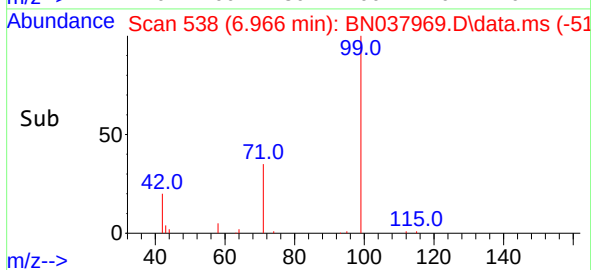
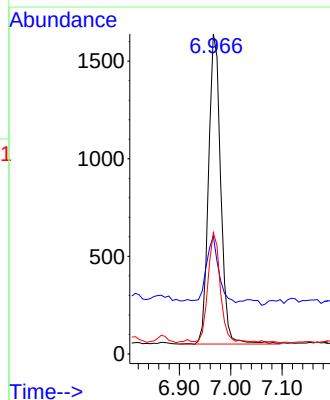
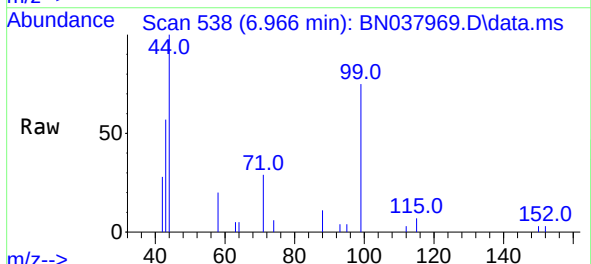
Instrument :
BNA_N
ClientSampleId :
MW203D-20250923

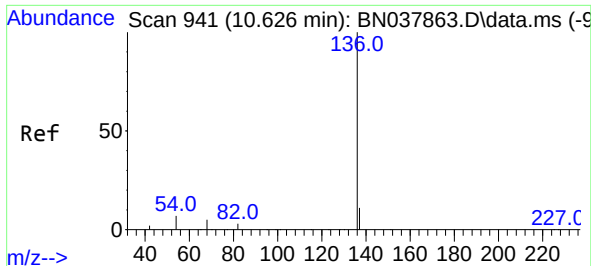
Tgt Ion:112 Resp: 3119
Ion Ratio Lower Upper
112 100
64 54.9 44.6 66.8
63 29.8 24.9 37.3



#5
Phenol-d6
Concen: 0.114 ng
RT: 6.966 min Scan# 538
Delta R.T. -0.007 min
Lab File: BN037969.D
Acq: 01 Oct 2025 06:00

Tgt Ion: 99 Resp: 2625
Ion Ratio Lower Upper
99 100
42 21.4 17.2 25.8
71 35.0 27.3 40.9

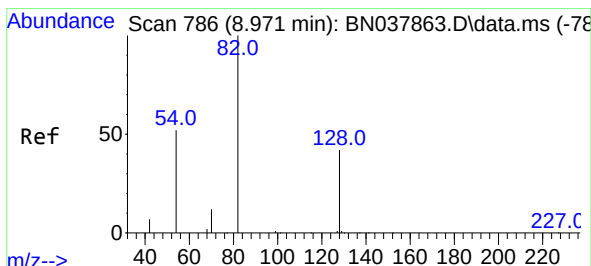
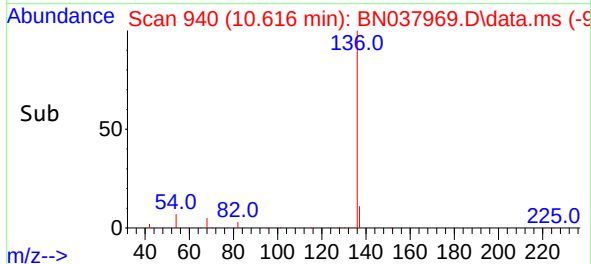
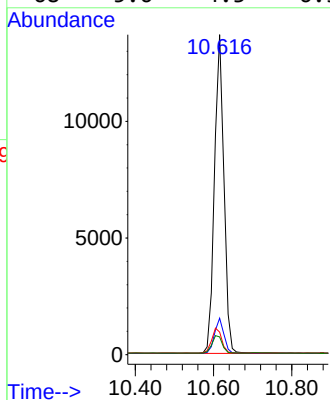
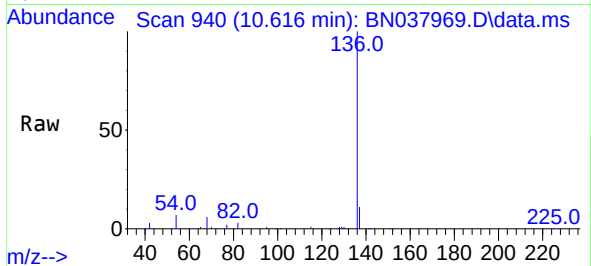




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 941
Delta R.T. -0.011 min
Lab File: BN037969.D
Acq: 01 Oct 2025 06:00

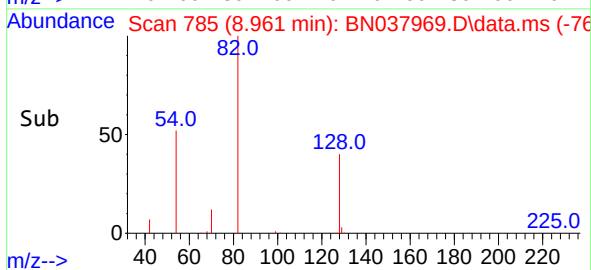
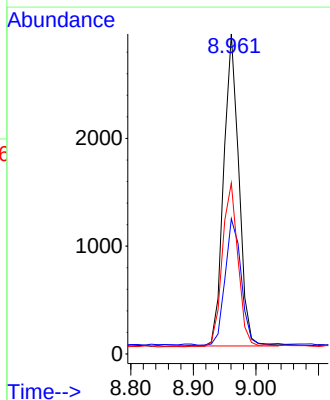
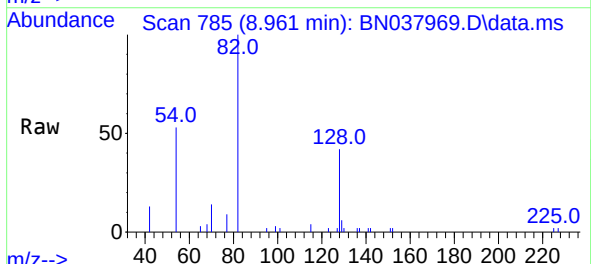
Instrument :
BNA_N
ClientSampleId :
MW203D-20250923

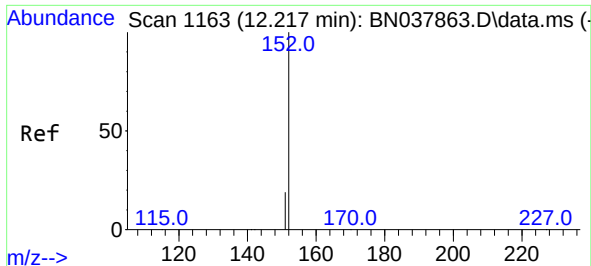
Tgt Ion:	136	Resp:	22976
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	7.1	5.8	8.8
68	5.6	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.279 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN037969.D
Acq: 01 Oct 2025 06:00

Tgt Ion:	82	Resp:	4892
Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.8	52.2
54	53.4	42.2	63.2

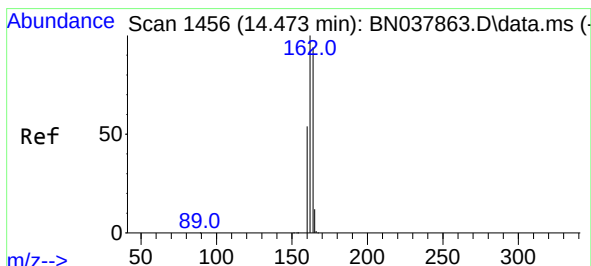
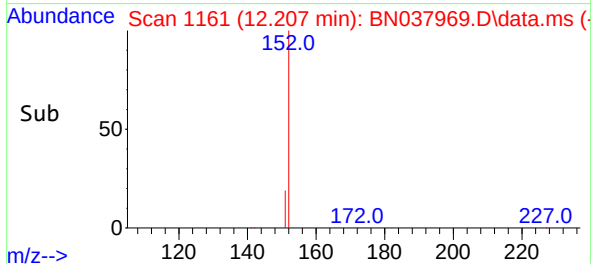
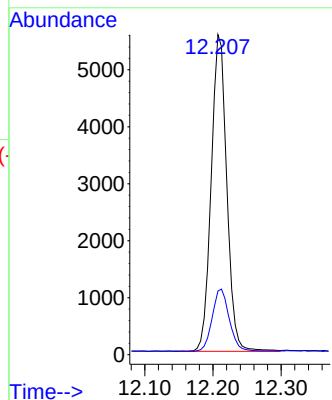
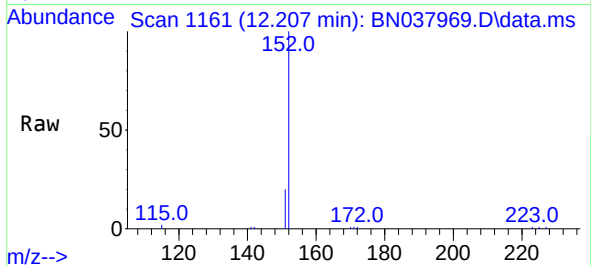




#11
2-Methylnaphthalene-d10
Concen: 0.276 ng
RT: 12.207 min Scan# 1161
Delta R.T. -0.010 min
Lab File: BN037969.D
Acq: 01 Oct 2025 06:00

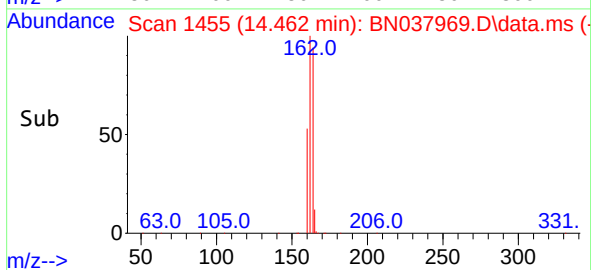
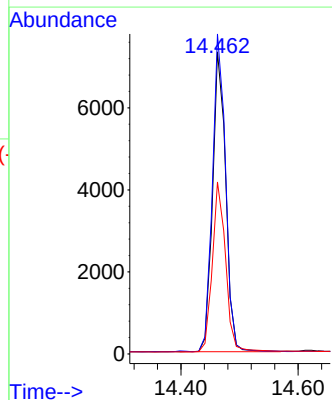
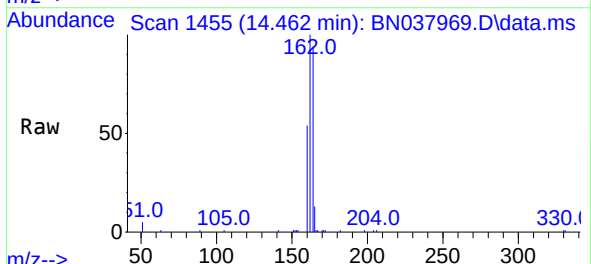
Instrument :
BNA_N
ClientSampleId :
MW203D-20250923

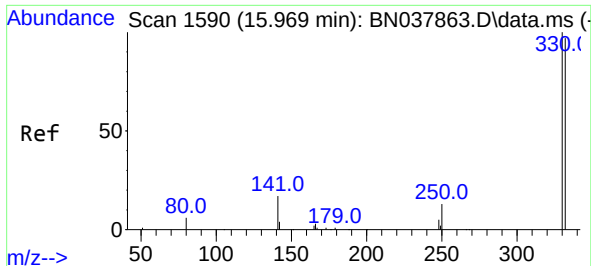
Tgt Ion:152 Resp: 8822
Ion Ratio Lower Upper
152 100
151 21.6 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.462 min Scan# 1455
Delta R.T. -0.011 min
Lab File: BN037969.D
Acq: 01 Oct 2025 06:00

Tgt Ion:164 Resp: 11396
Ion Ratio Lower Upper
164 100
162 105.9 84.8 127.2
160 56.9 46.1 69.1

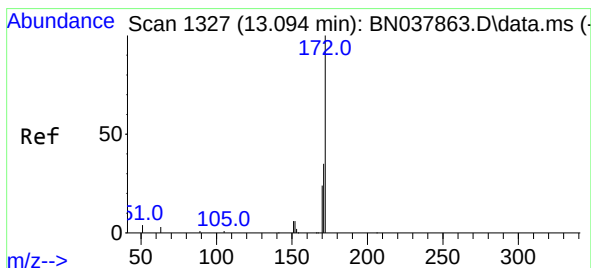
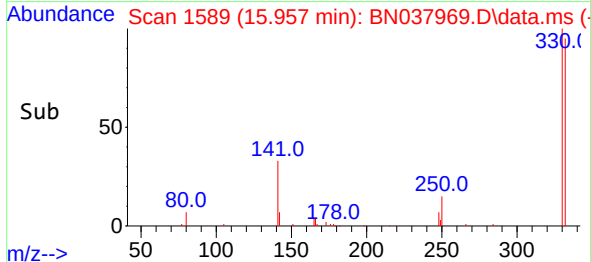
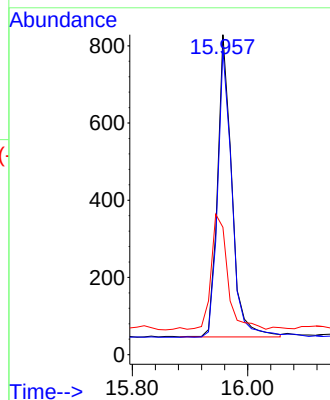
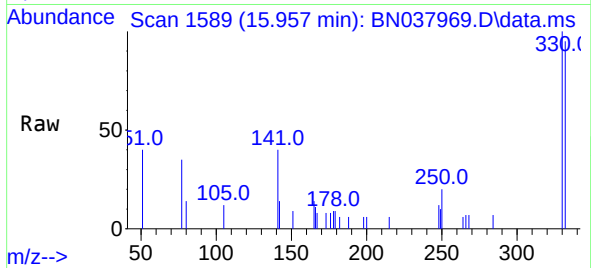




#14
2,4,6-Tribromophenol
Concen: 0.311 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN037969.D
Acq: 01 Oct 2025 06:00

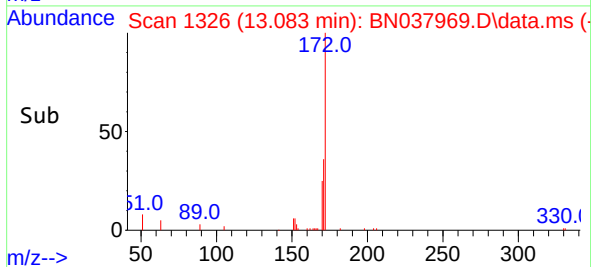
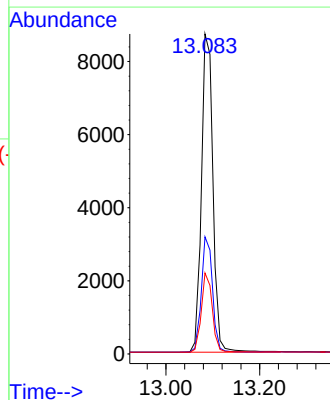
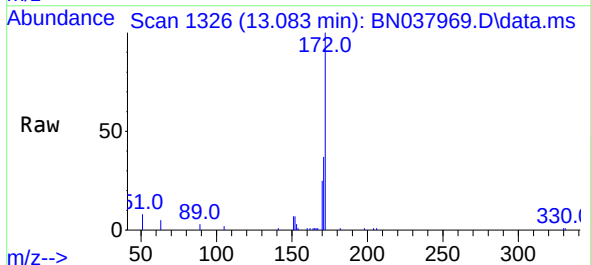
Instrument :
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ClientSampleId :
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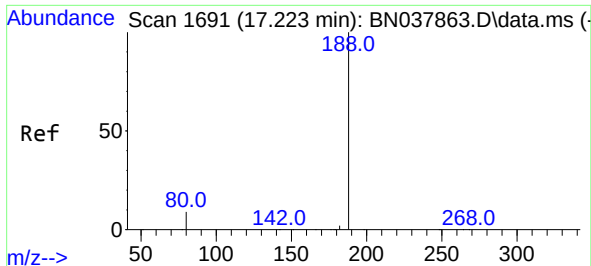
Tgt Ion:330 Resp: 1344
Ion Ratio Lower Upper
330 100
332 97.2 77.2 115.8
141 45.0 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.319 ng
RT: 13.083 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BN037969.D
Acq: 01 Oct 2025 06:00

Tgt Ion:172 Resp: 14897
Ion Ratio Lower Upper
172 100
171 36.6 28.6 43.0
170 25.3 19.7 29.5

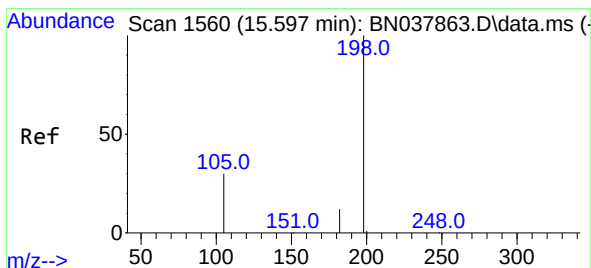
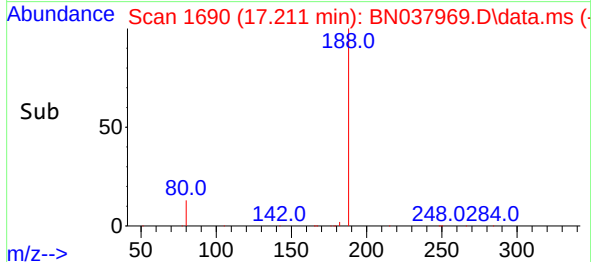
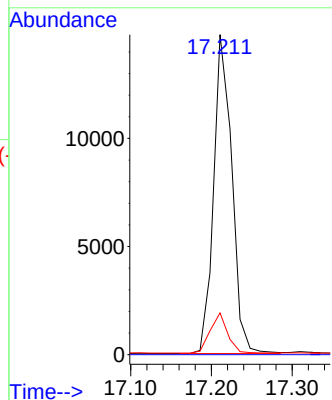
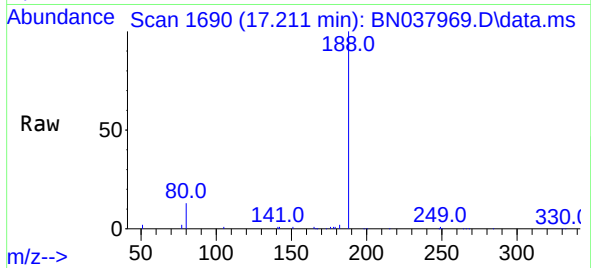




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN037969.D
Acq: 01 Oct 2025 06:00

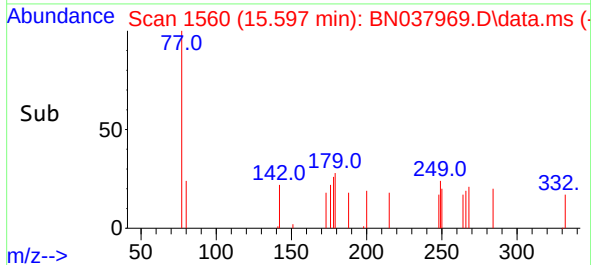
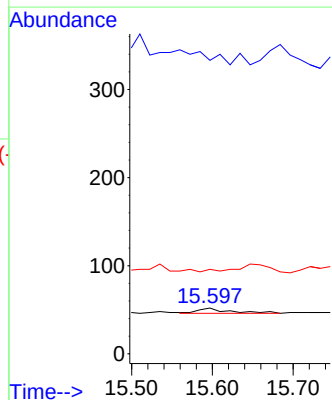
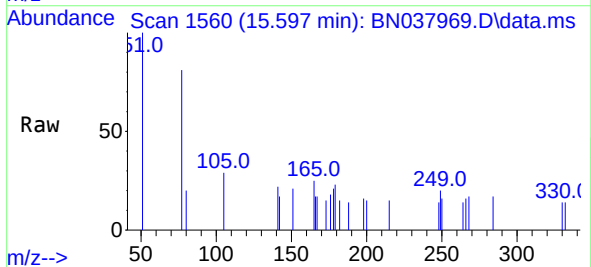
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ClientSampleId :
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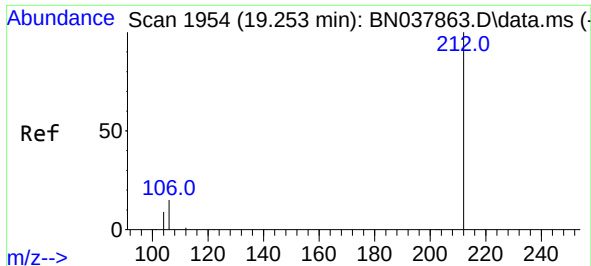
Tgt Ion:188 Resp: 23171
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.0 7.6 11.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.073 ng
RT: 15.597 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BN037969.D
Acq: 01 Oct 2025 06:00

Tgt Ion:198 Resp: 16
Ion Ratio Lower Upper
198 100
51 640.4 59.1 88.7#
105 184.6 41.3 61.9#

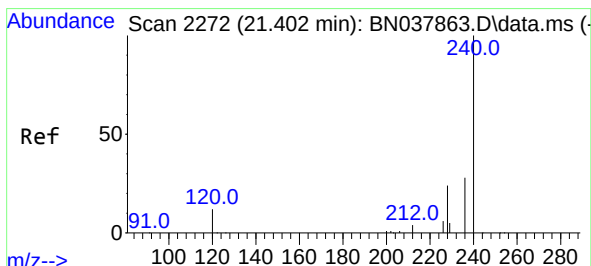
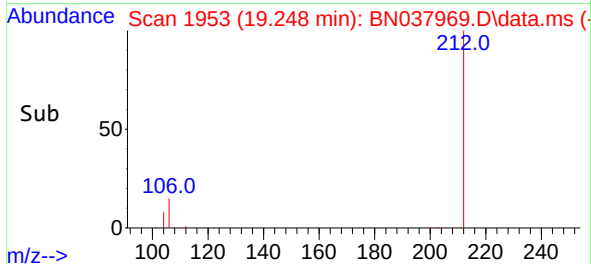
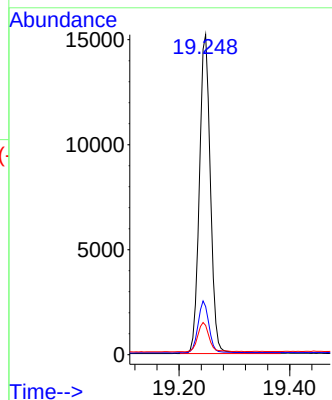
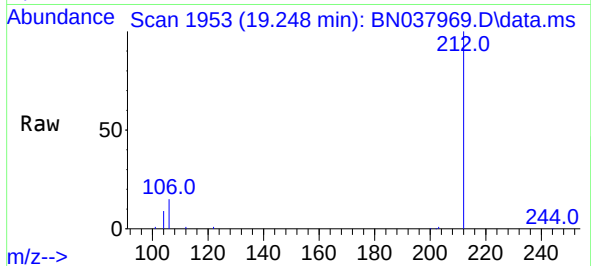




#27
Fluoranthene-d10
Concen: 0.361 ng
RT: 19.248 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BN037969.D
Acq: 01 Oct 2025 06:00

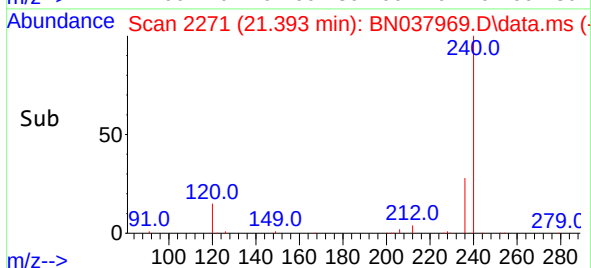
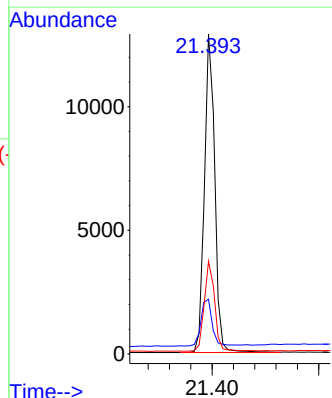
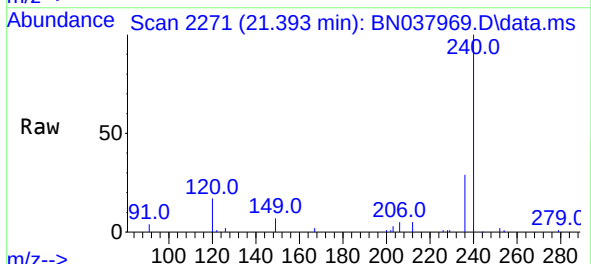
Instrument :
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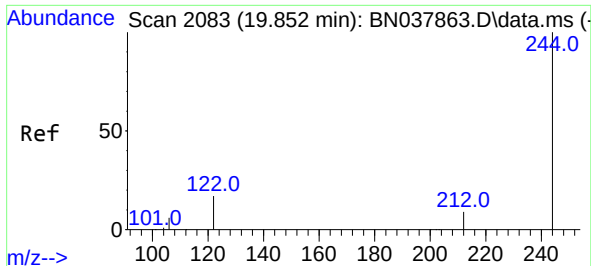
Tgt Ion:212 Resp: 21013
Ion Ratio Lower Upper
212 100
106 16.3 12.6 19.0
104 9.4 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN037969.D
Acq: 01 Oct 2025 06:00

Tgt Ion:240 Resp: 17327
Ion Ratio Lower Upper
240 100
120 17.1 11.4 17.2
236 29.0 23.0 34.6

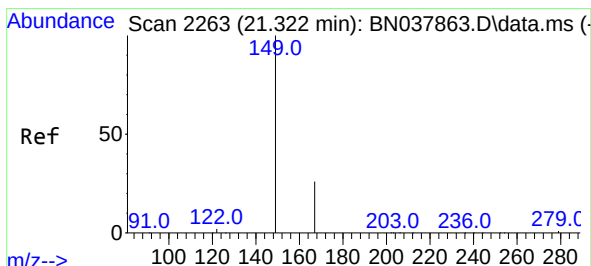
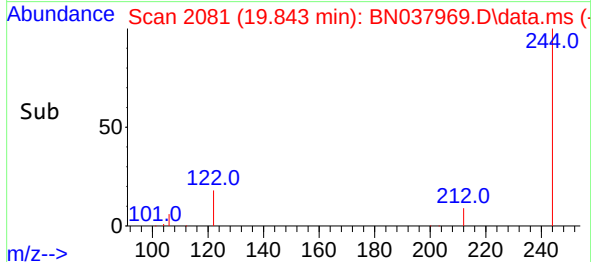
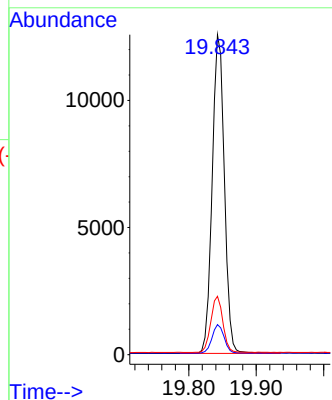
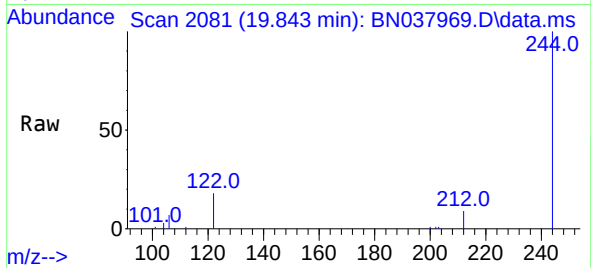




#31
Terphenyl-d14
Concen: 0.456 ng
RT: 19.843 min Scan# 2083
Delta R.T. -0.009 min
Lab File: BN037969.D
Acq: 01 Oct 2025 06:00

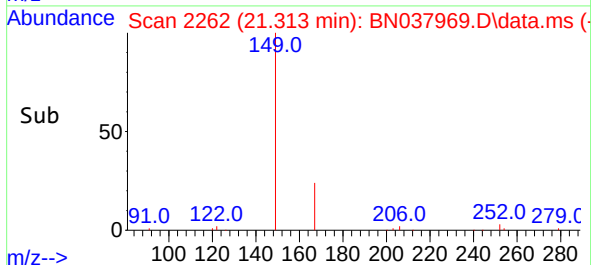
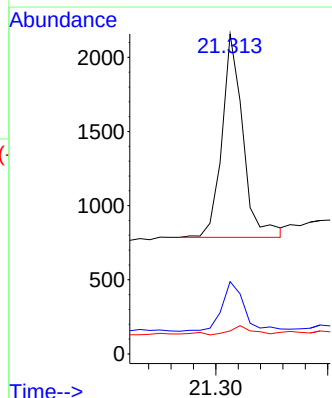
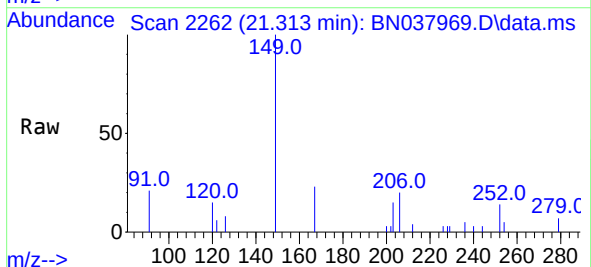
Instrument :
BNA_N
ClientSampleId :
MW203D-20250923

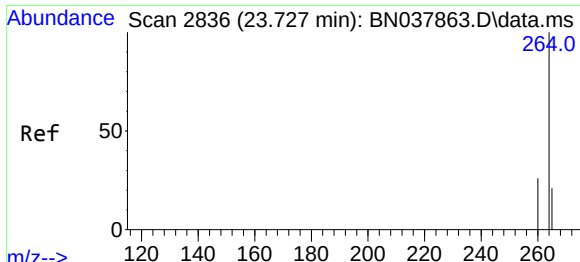
Tgt Ion:244 Resp: 15751
Ion Ratio Lower Upper
244 100
212 9.4 7.6 11.4
122 18.2 13.9 20.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.074 ng
RT: 21.313 min Scan# 2262
Delta R.T. -0.009 min
Lab File: BN037969.D
Acq: 01 Oct 2025 06:00

Tgt Ion:149 Resp: 1784
Ion Ratio Lower Upper
149 100
167 26.5 20.4 30.6
279 4.8 2.4 3.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.718 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037969.D
Acq: 01 Oct 2025 06:00

Instrument :
BNA_N
ClientSampleId :
MW203D-20250923

Tgt Ion:264 Resp: 13520

Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.5	32.3
265	81.4	53.8	80.6#

