

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093025\
 Data File : BN037970.D
 Acq On : 01 Oct 2025 06:36
 Operator : RC/JU
 Sample : Q3193-19
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB04-20250923

Quant Time: Oct 01 10:35:45 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)

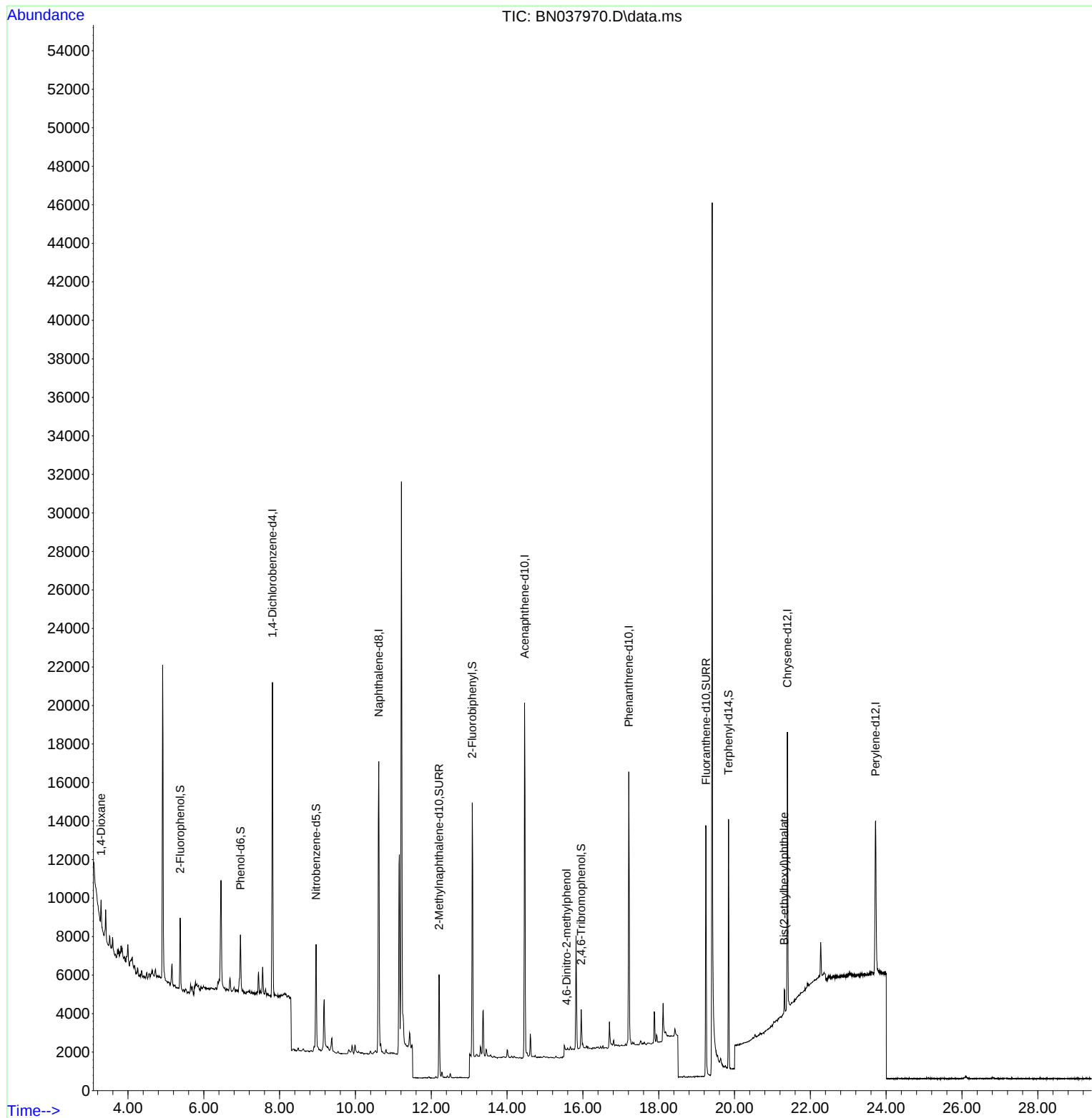
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	7743	0.400	ng	-0.01
7) Naphthalene-d8	10.616	136	20020	0.400	ng	-0.01
13) Acenaphthene-d10	14.462	164	10144	0.400	ng	-0.01
19) Phenanthrene-d10	17.211	188	18515	0.400	ng	#-0.01
29) Chrysene-d12	21.393	240	12540	0.400	ng	# 0.00
35) Perylene-d12	23.721	264	11301	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	2835	0.160	ng	0.00
5) Phenol-d6	6.966	99	2615	0.113	ng	0.00
8) Nitrobenzene-d5	8.961	82	4298	0.281	ng	-0.01
11) 2-Methylnaphthalene-d10	12.207	152	7052	0.254	ng	-0.01
14) 2,4,6-Tribromophenol	15.957	330	1101	0.286	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	11287	0.272	ng	-0.01
27) Fluoranthene-d10	19.248	212	14086	0.302	ng	0.00
31) Terphenyl-d14	19.843	244	11665	0.467	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	804	0.102	ng	# 22
20) 4,6-Dinitro-2-methylph...	15.572	198	11	0.072	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.313	149	1426	0.082	ng	100

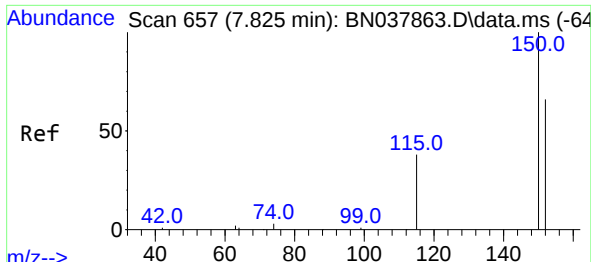
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093025\
Data File : BN037970.D
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Operator : RC/JU
Sample : Q3193-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB04-20250923

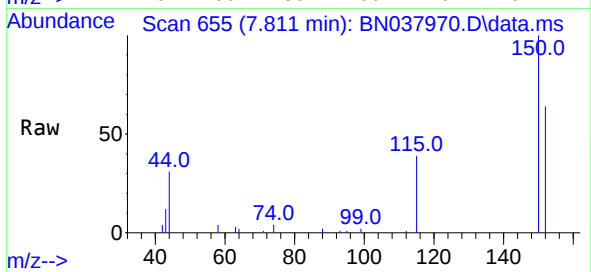
Quant Time: Oct 01 10:35:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



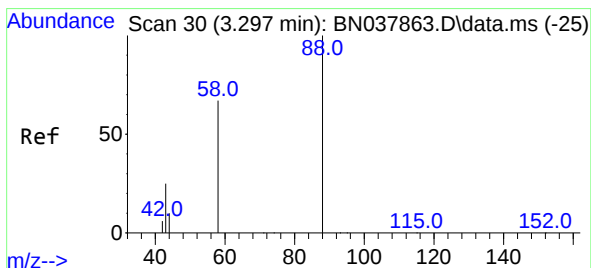
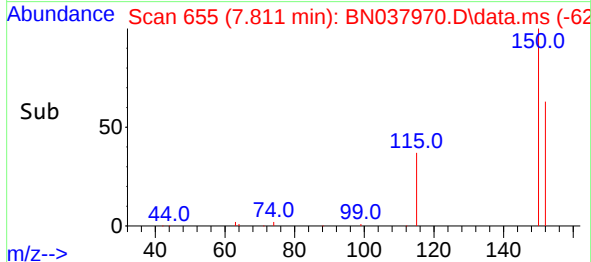
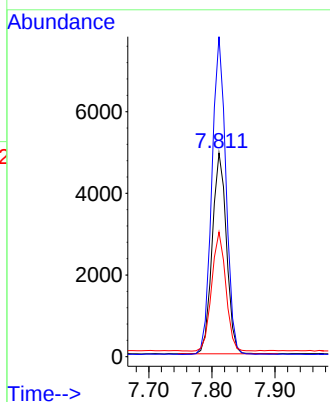


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.811 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN037970.D
Acq: 01 Oct 2025 06:36

Instrument :
BNA_N
ClientSampleId :
EB04-20250923

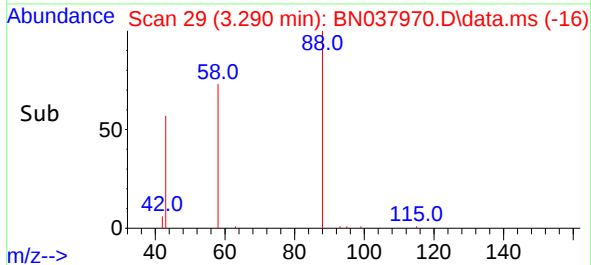
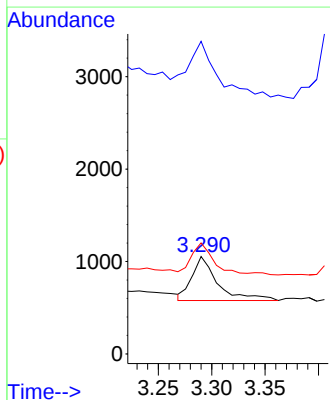
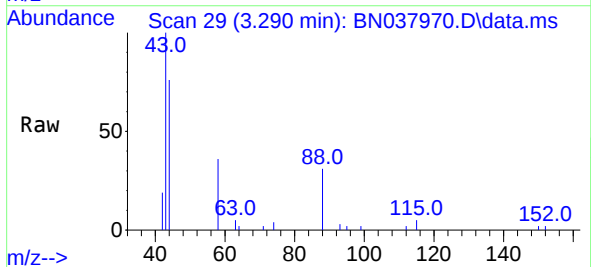


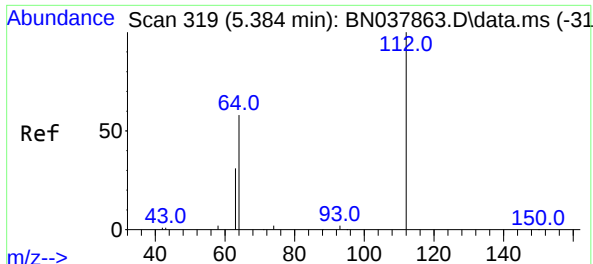
Tgt Ion:152 Resp: 7743
Ion Ratio Lower Upper
152 100
150 157.1 121.0 181.4
115 61.2 47.4 71.0



#2
1,4-Dioxane
Concen: 0.102 ng
RT: 3.290 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN037970.D
Acq: 01 Oct 2025 06:36

Tgt Ion: 88 Resp: 804
Ion Ratio Lower Upper
88 100
43 145.4 26.6 39.8#
58 53.7 58.9 88.3#

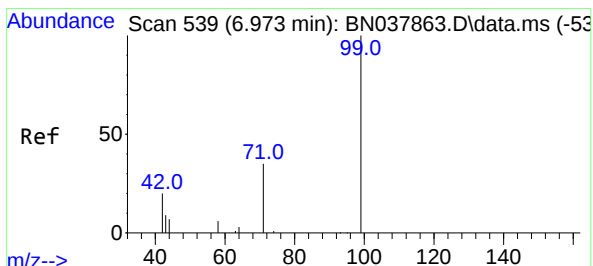
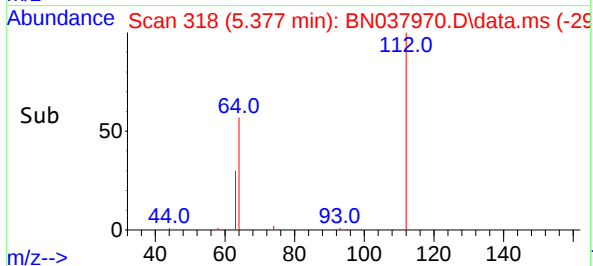
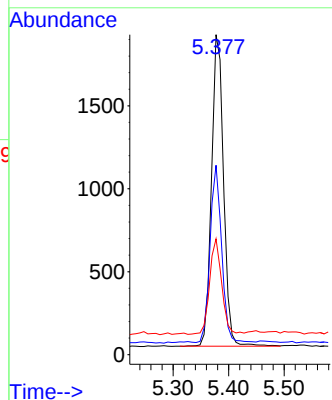
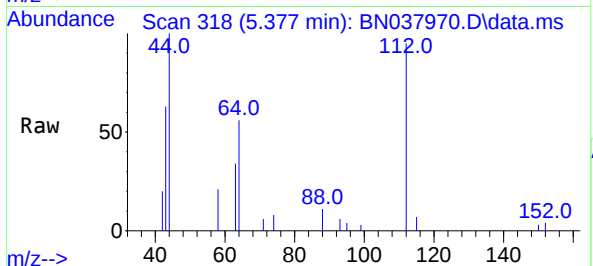




#4
2-Fluorophenol
Concen: 0.160 ng
RT: 5.377 min Scan# 319
Delta R.T. -0.007 min
Lab File: BN037970.D
Acq: 01 Oct 2025 06:36

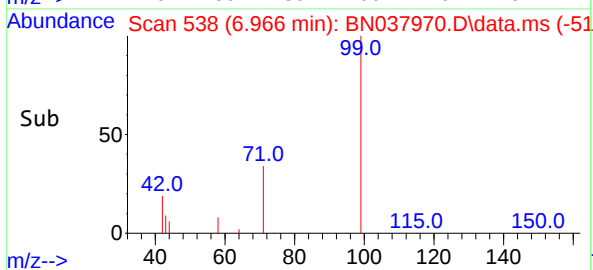
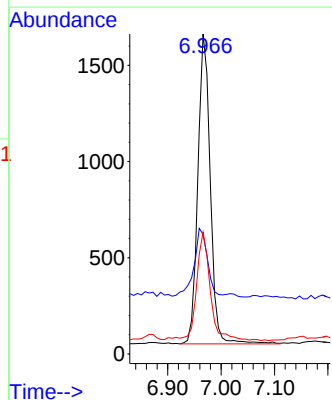
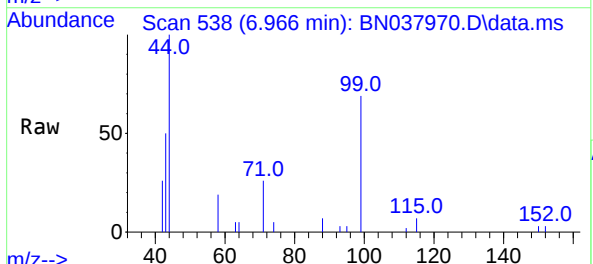
Instrument :
BNA_N
ClientSampleId :
EB04-20250923

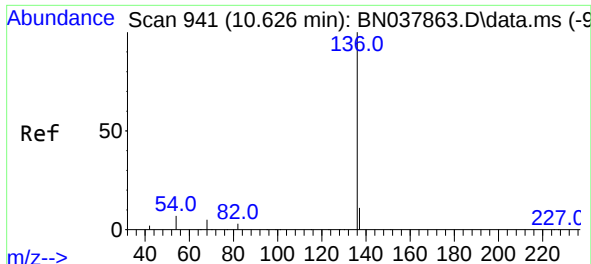
Tgt Ion:112 Resp: 2835
Ion Ratio Lower Upper
112 100
64 54.8 44.6 66.8
63 30.9 24.9 37.3



#5
Phenol-d6
Concen: 0.113 ng
RT: 6.966 min Scan# 538
Delta R.T. -0.007 min
Lab File: BN037970.D
Acq: 01 Oct 2025 06:36

Tgt Ion: 99 Resp: 2615
Ion Ratio Lower Upper
99 100
42 23.3 17.2 25.8
71 37.9 27.3 40.9

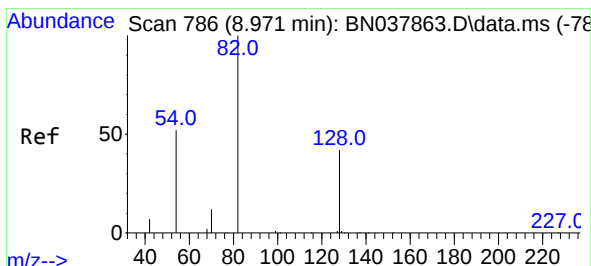
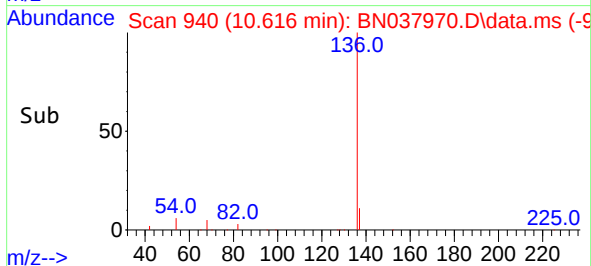
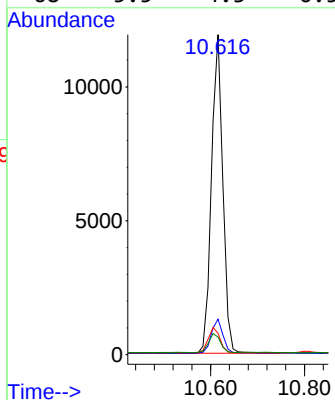
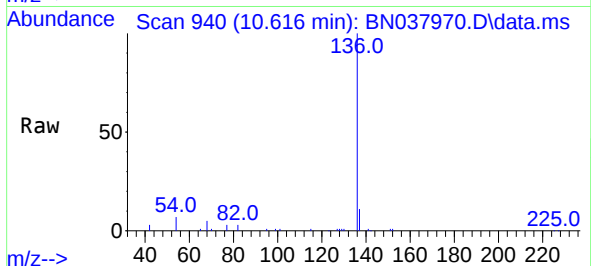




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 941
Delta R.T. -0.011 min
Lab File: BN037970.D
Acq: 01 Oct 2025 06:36

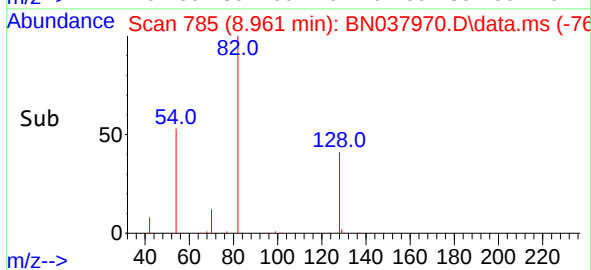
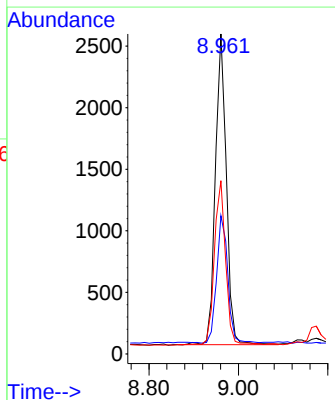
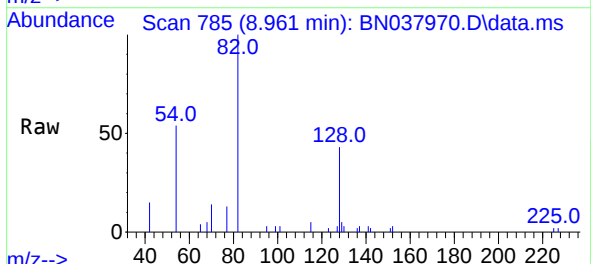
Instrument :
BNA_N
ClientSampleId :
EB04-20250923

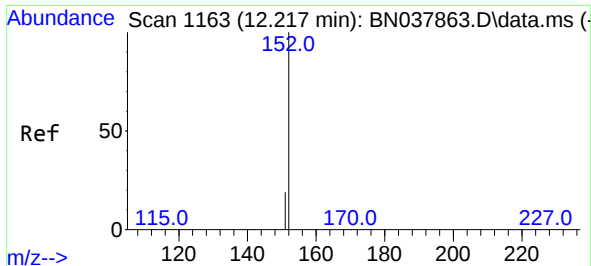
Tgt Ion:	136	Resp:	20020
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.7	5.8	8.8
68	5.5	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.281 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN037970.D
Acq: 01 Oct 2025 06:36

Tgt Ion:	82	Resp:	4298
Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.8	52.2
54	54.1	42.2	63.2

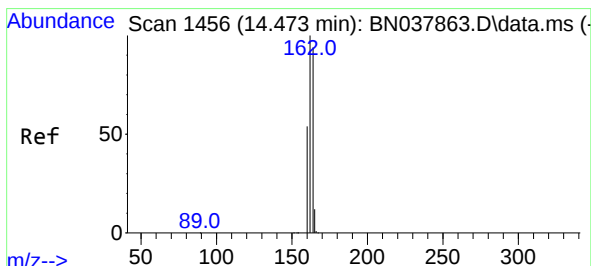
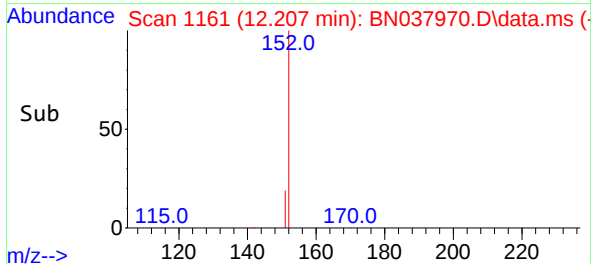
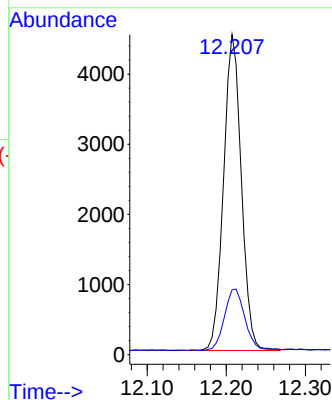
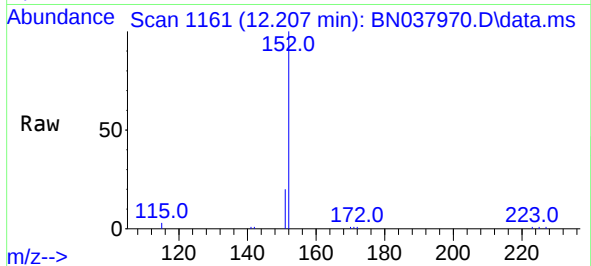




#11
2-Methylnaphthalene-d10
Concen: 0.254 ng
RT: 12.207 min Scan# 1161
Delta R.T. -0.010 min
Lab File: BN037970.D
Acq: 01 Oct 2025 06:36

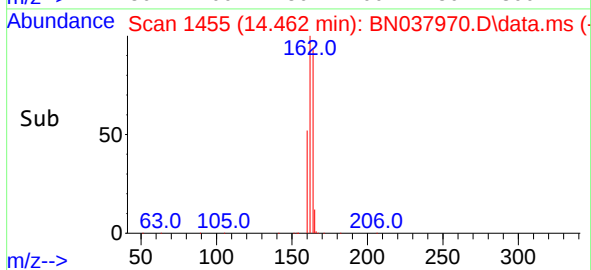
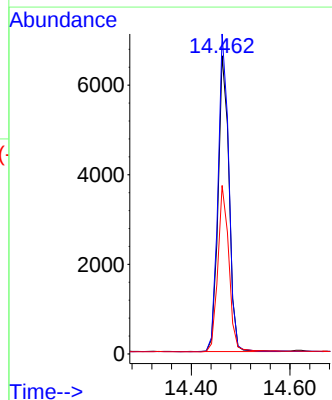
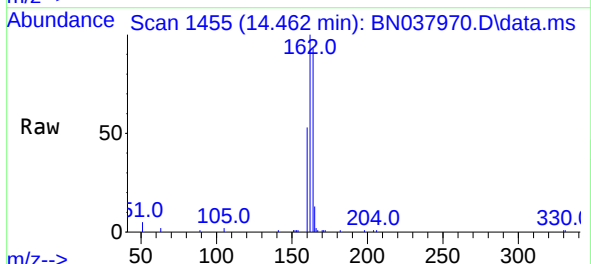
Instrument :
BNA_N
ClientSampleId :
EB04-20250923

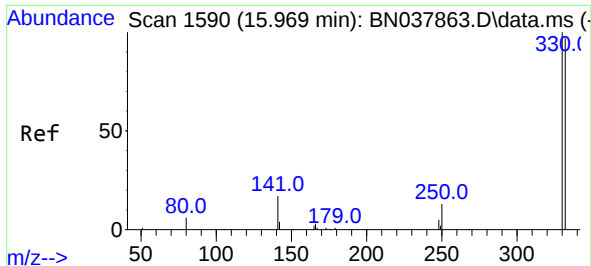
Tgt Ion:152 Resp: 7052
Ion Ratio Lower Upper
152 100
151 22.2 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.462 min Scan# 1455
Delta R.T. -0.011 min
Lab File: BN037970.D
Acq: 01 Oct 2025 06:36

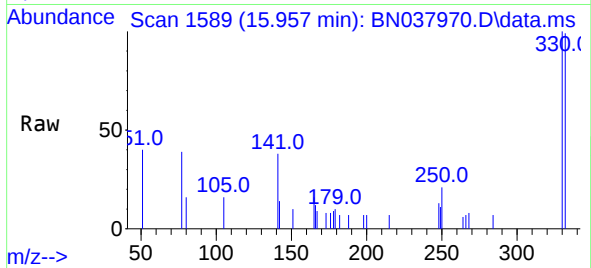
Tgt Ion:164 Resp: 10144
Ion Ratio Lower Upper
164 100
162 107.3 84.8 127.2
160 56.5 46.1 69.1



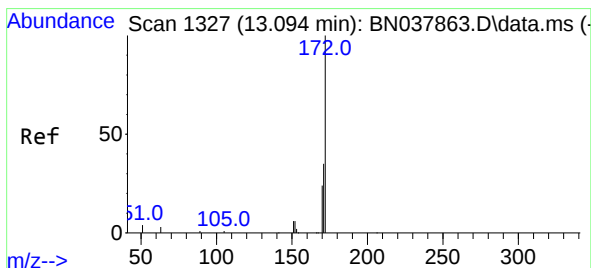
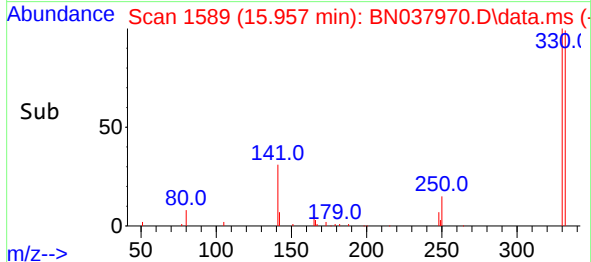
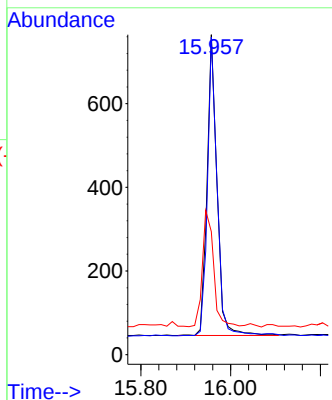


#14
2,4,6-Tribromophenol
Concen: 0.286 ng
RT: 15.957 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN037970.D
Acq: 01 Oct 2025 06:36

Instrument :
BNA_N
ClientSampleId :
EB04-20250923

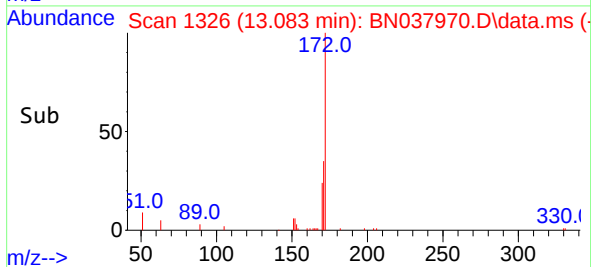
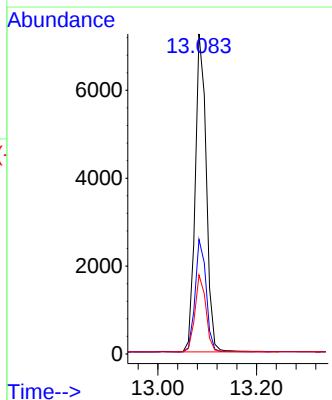
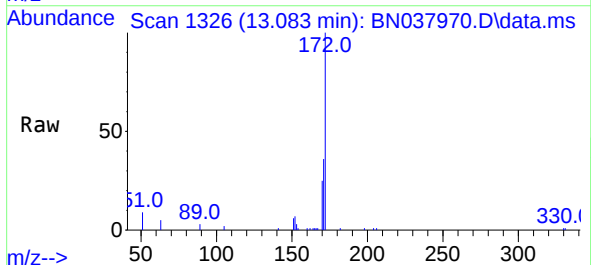


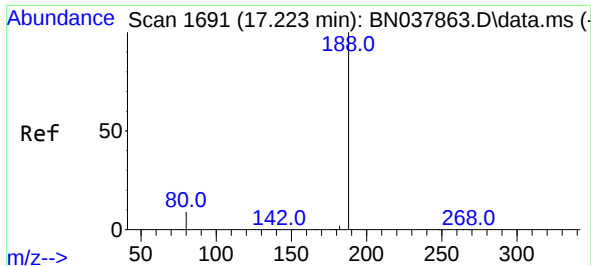
Tgt Ion:330 Resp: 1101
Ion Ratio Lower Upper
330 100
332 96.3 77.2 115.8
141 43.5 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.272 ng
RT: 13.083 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BN037970.D
Acq: 01 Oct 2025 06:36

Tgt Ion:172 Resp: 11287
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 24.7 19.7 29.5

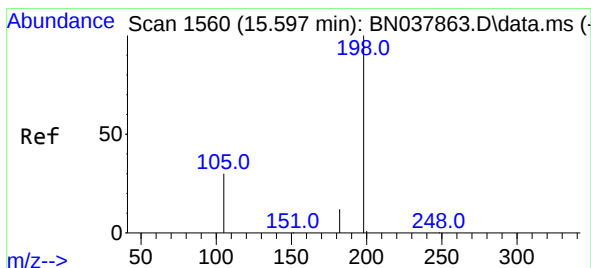
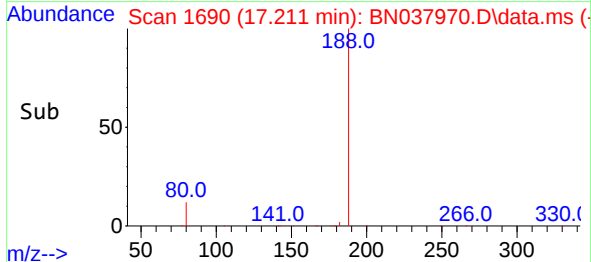
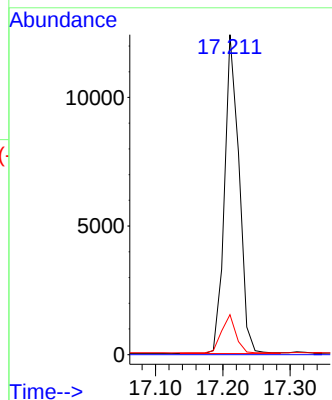
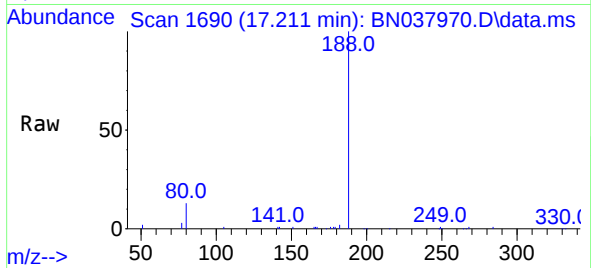




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN037970.D
Acq: 01 Oct 2025 06:36

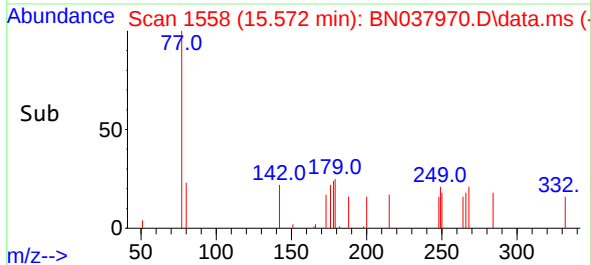
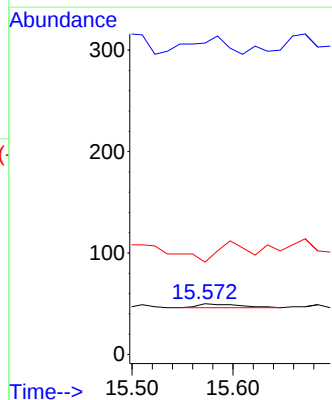
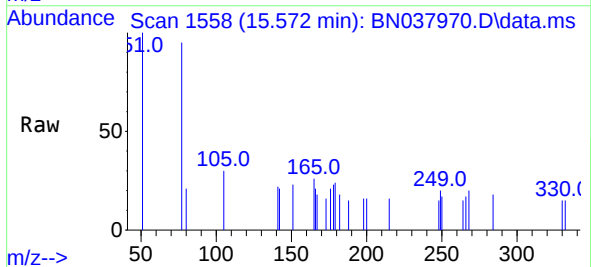
Instrument :
BNA_N
ClientSampleId :
EB04-20250923

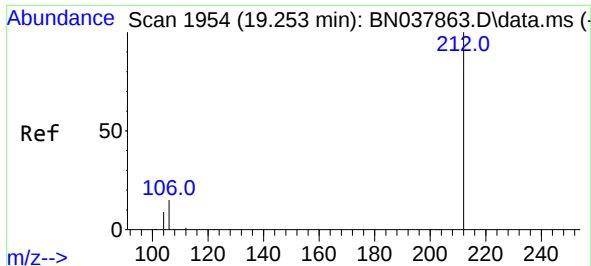
Tgt Ion:188 Resp: 18515
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.5 7.6 11.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.072 ng
RT: 15.572 min Scan# 1558
Delta R.T. -0.025 min
Lab File: BN037970.D
Acq: 01 Oct 2025 06:36

Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
51 614.0 59.1 88.7#
105 182.0 41.3 61.9#

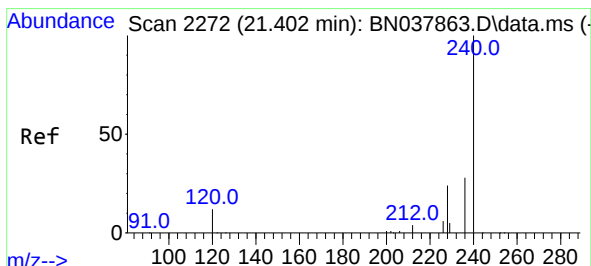
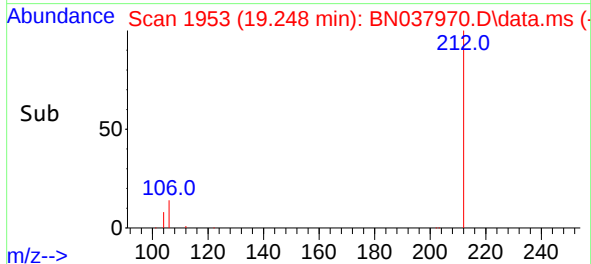
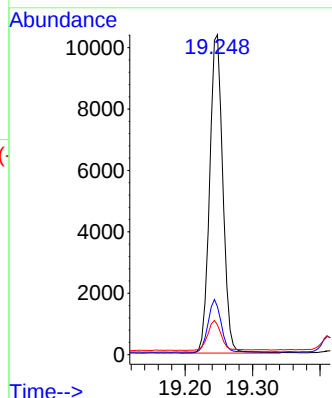
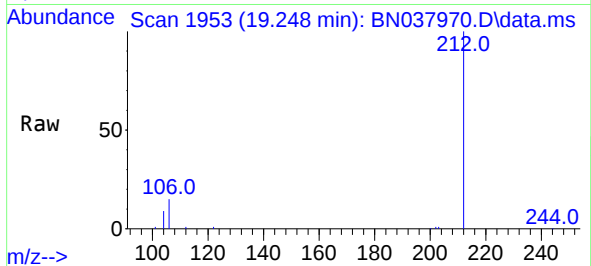




#27
Fluoranthene-d10
Concen: 0.302 ng
RT: 19.248 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BN037970.D
Acq: 01 Oct 2025 06:36

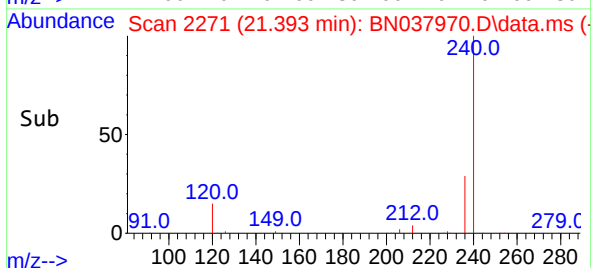
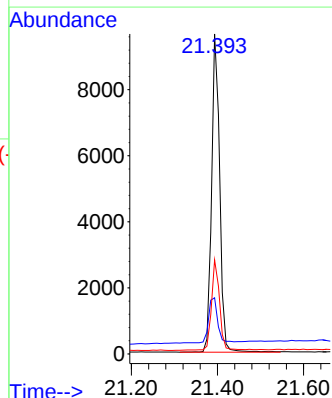
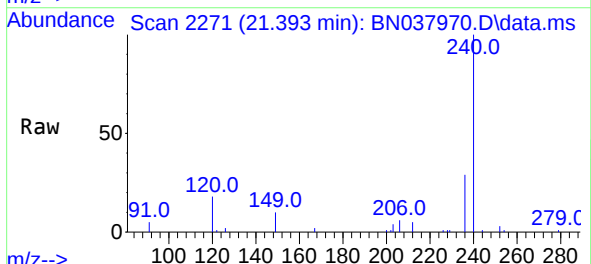
Instrument :
BNA_N
ClientSampleId :
EB04-20250923

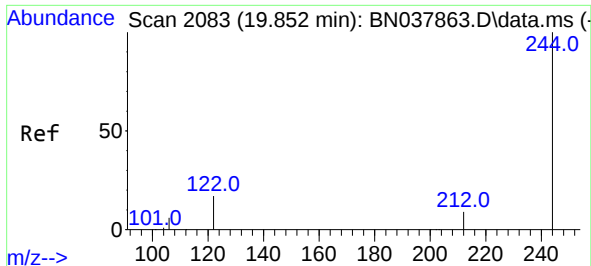
Tgt Ion:212 Resp: 14086
Ion Ratio Lower Upper
212 100
106 16.3 12.6 19.0
104 9.7 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN037970.D
Acq: 01 Oct 2025 06:36

Tgt Ion:240 Resp: 12540
Ion Ratio Lower Upper
240 100
120 17.6 11.4 17.2#
236 29.4 23.0 34.6

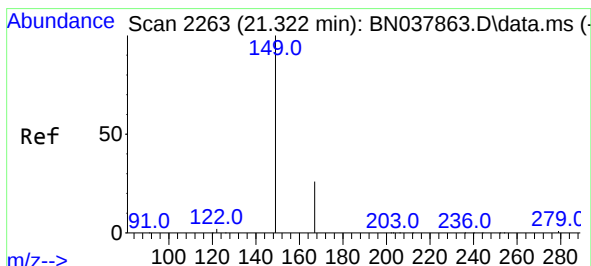
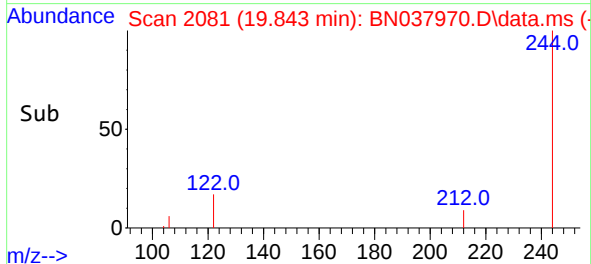
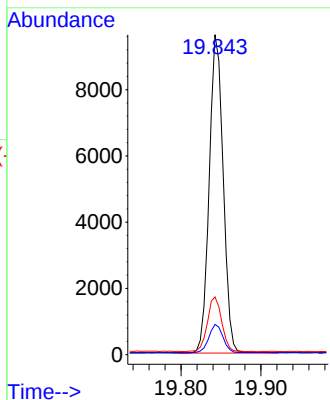
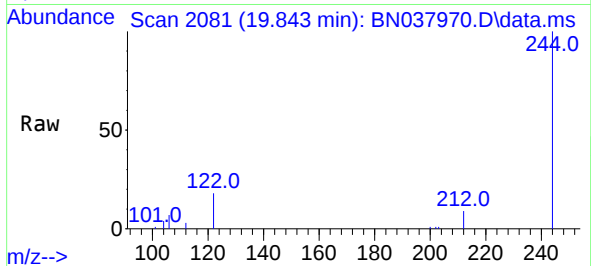




#31
 Terphenyl-d14
 Concen: 0.467 ng
 RT: 19.843 min Scan# 2081
 Delta R.T. -0.009 min
 Lab File: BN037970.D
 Acq: 01 Oct 2025 06:36

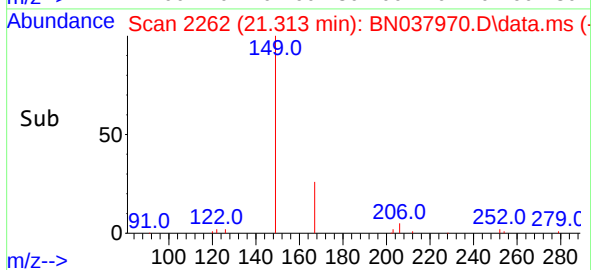
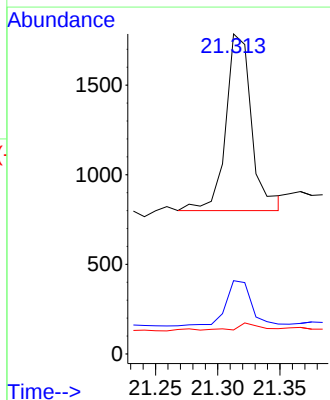
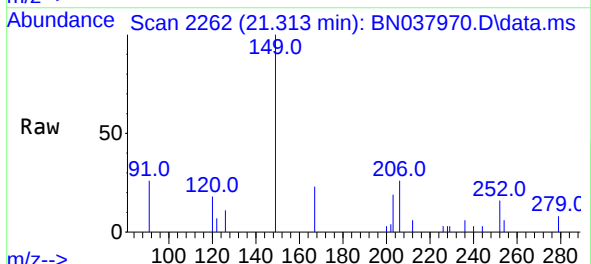
Instrument :
 BNA_N
 ClientSampleId :
 EB04-20250923

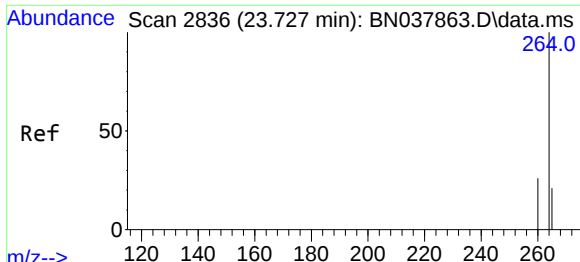
Tgt Ion:244 Resp: 11665
 Ion Ratio Lower Upper
 244 100
 212 9.4 7.6 11.4
 122 18.0 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.082 ng
 RT: 21.313 min Scan# 2262
 Delta R.T. -0.009 min
 Lab File: BN037970.D
 Acq: 01 Oct 2025 06:36

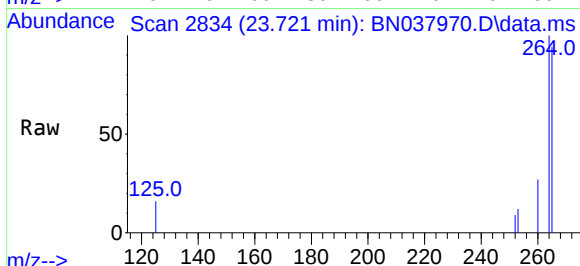
Tgt Ion:149 Resp: 1426
 Ion Ratio Lower Upper
 149 100
 167 25.7 20.4 30.6
 279 3.2 2.4 3.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.721 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN037970.D
Acq: 01 Oct 2025 06:36

Instrument :
BNA_N
ClientSampleId :
EB04-20250923



Tgt Ion:264 Resp: 11301
Ion Ratio Lower Upper
264 100
260 26.5 21.5 32.3
265 93.6 53.8 80.6#

