

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093025\
 Data File : BN037956.D
 Acq On : 30 Sep 2025 21:25
 Operator : RC/JU
 Sample : Q3193-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01S-20250923

Quant Time: Oct 01 01:23:54 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)

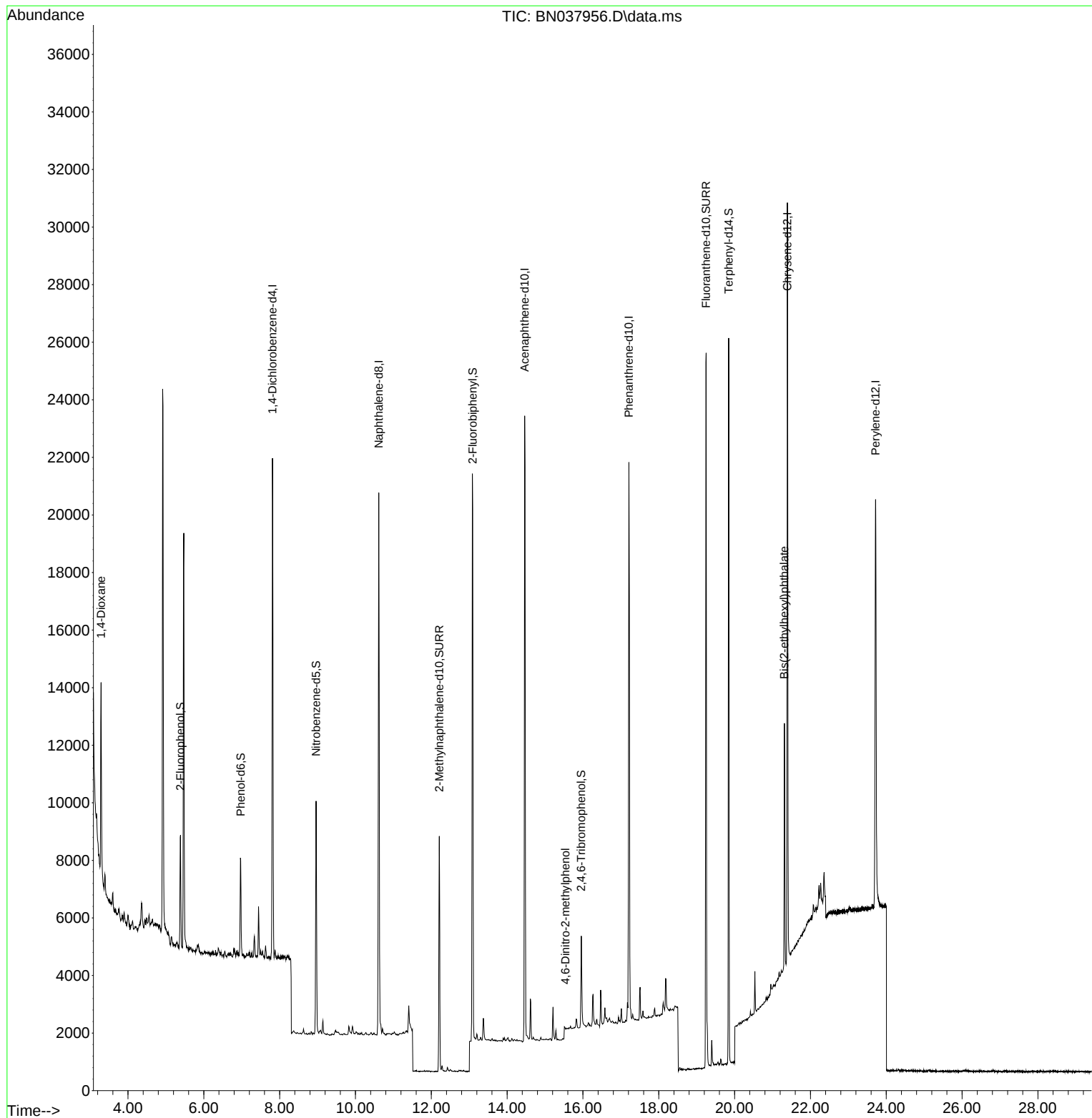
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	8340	0.400	ng	-0.01
7) Naphthalene-d8	10.615	136	24203	0.400	ng	-0.01
13) Acenaphthene-d10	14.462	164	12799	0.400	ng	-0.01
19) Phenanthrene-d10	17.210	188	26901	0.400	ng	#-0.01
29) Chrysene-d12	21.393	240	23284	0.400	ng	0.00
35) Perylene-d12	23.718	264	20264	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	3201	0.168	ng	0.00
5) Phenol-d6	6.973	99	3203	0.128	ng	0.00
8) Nitrobenzene-d5	8.961	82	6282	0.340	ng	-0.01
11) 2-Methylnaphthalene-d10	12.212	152	10939	0.325	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	1783	0.367	ng	-0.01
15) 2-Fluorobiphenyl	13.094	172	18307	0.349	ng	0.00
27) Fluoranthene-d10	19.248	212	27206	0.402	ng	0.00
31) Terphenyl-d14	19.842	244	23131	0.499	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	4269	0.504	ng	# 91
20) 4,6-Dinitro-2-methylph...	15.535	198	3	0.068	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.313	149	7965	0.247	ng	99

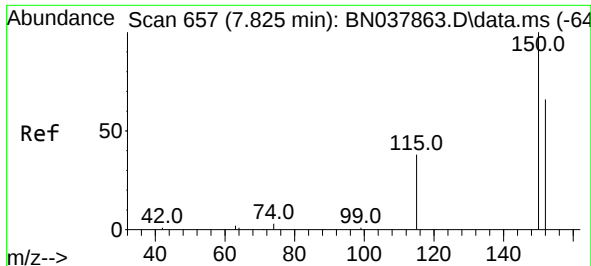
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093025\
Data File : BN037956.D
Acq On : 30 Sep 2025 21:25
Operator : RC/JU
Sample : Q3193-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20250923

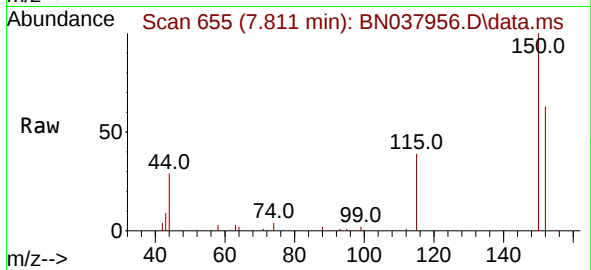
Quant Time: Oct 01 01:23:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
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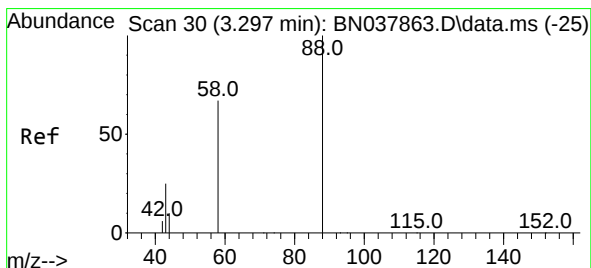
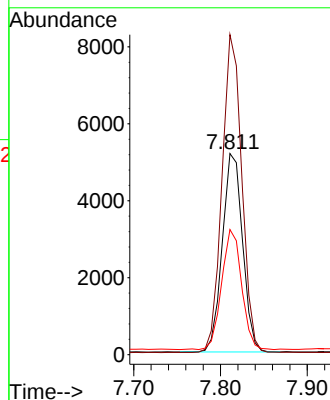
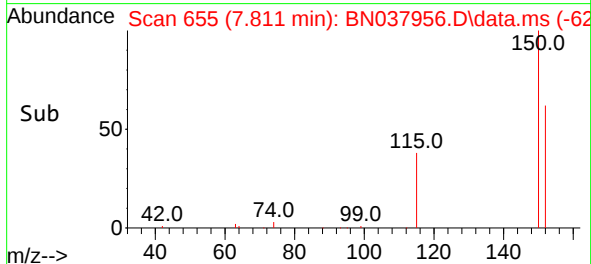


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.811 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN037956.D
 Acq: 30 Sep 2025 21:25

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01S-20250923

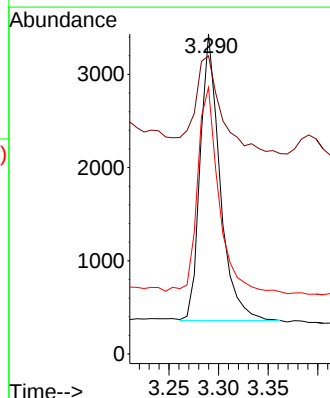
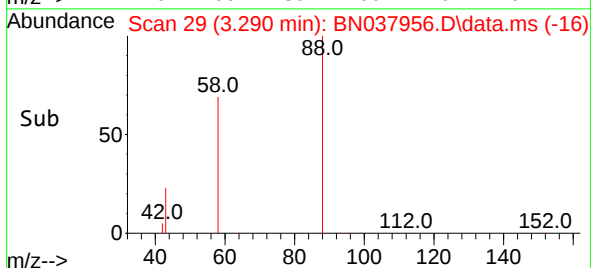
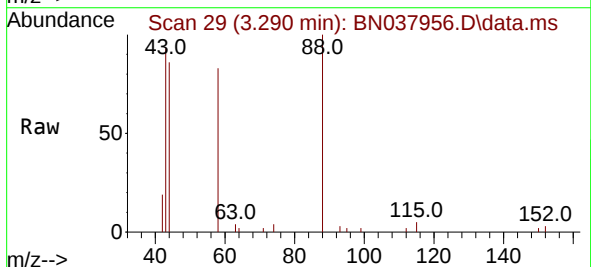


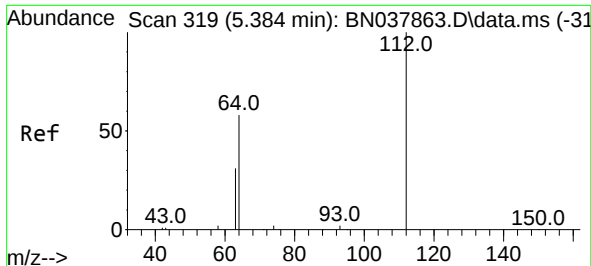
Tgt Ion:152 Resp: 8340
 Ion Ratio Lower Upper
 152 100
 150 159.2 121.0 181.4
 115 62.3 47.4 71.0



#2
 1,4-Dioxane
 Concen: 0.504 ng
 RT: 3.290 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN037956.D
 Acq: 30 Sep 2025 21:25

Tgt Ion: 88 Resp: 4269
 Ion Ratio Lower Upper
 88 100
 43 46.7 26.6 39.8#
 58 75.8 58.9 88.3





#4

2-Fluorophenol

Concen: 0.168 ng

RT: 5.384 min Scan# 319

Delta R.T. -0.000 min

Lab File: BN037956.D

Acq: 30 Sep 2025 21:25

Instrument :

BNA_N

ClientSampleId :

RW8-MW01S-20250923

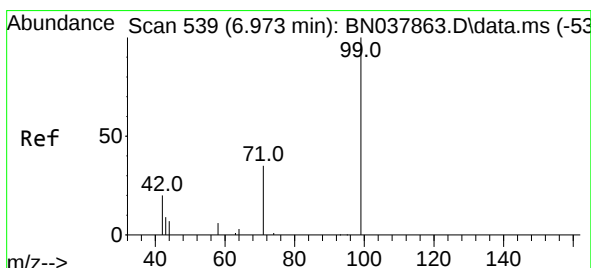
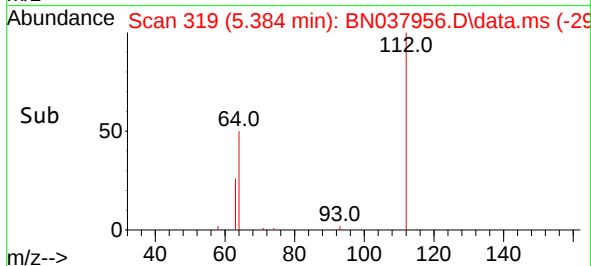
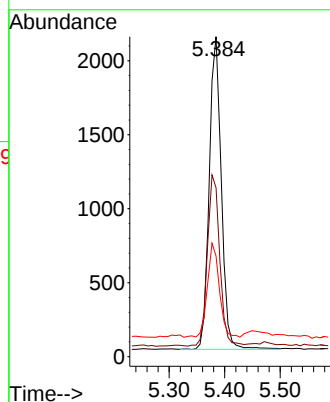
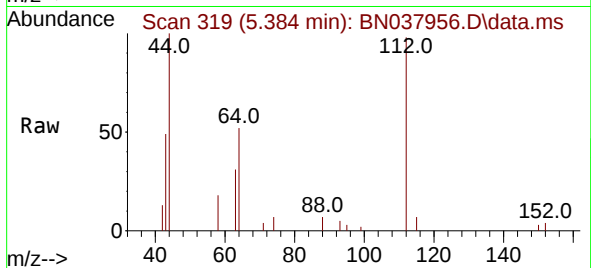
Tgt Ion:112 Resp: 3201

Ion Ratio Lower Upper

112 100

64 56.0 44.6 66.8

63 29.6 24.9 37.3



#5

Phenol-d6

Concen: 0.128 ng

RT: 6.973 min Scan# 539

Delta R.T. -0.000 min

Lab File: BN037956.D

Acq: 30 Sep 2025 21:25

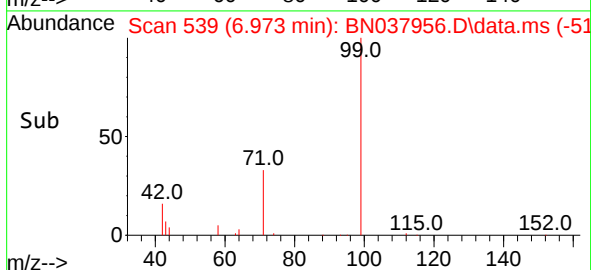
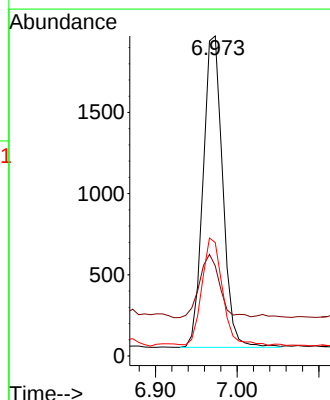
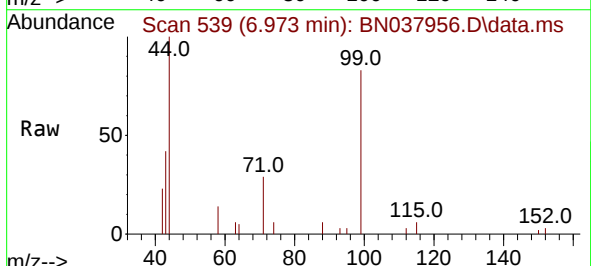
Tgt Ion: 99 Resp: 3203

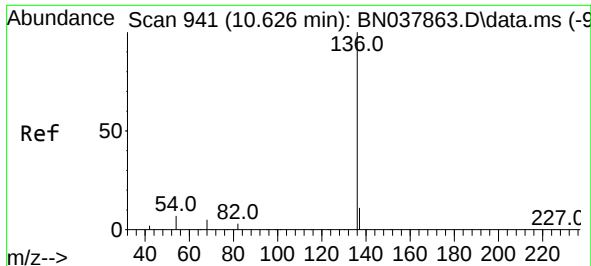
Ion Ratio Lower Upper

99 100

42 20.9 17.2 25.8

71 36.4 27.3 40.9

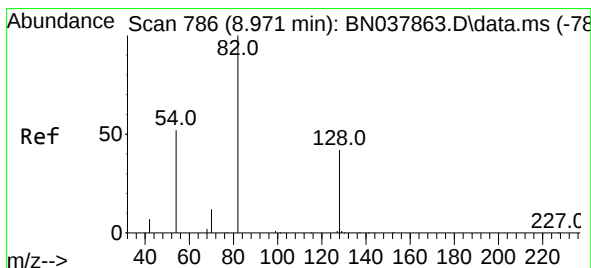
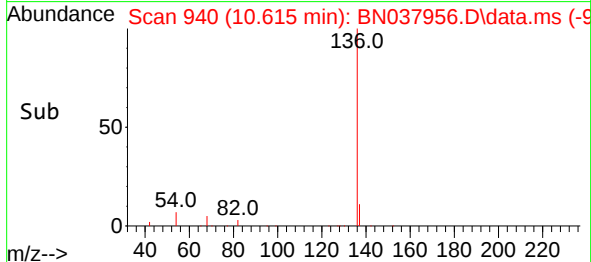
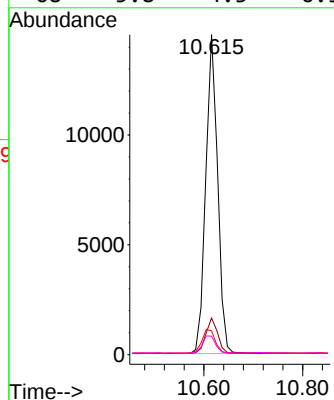
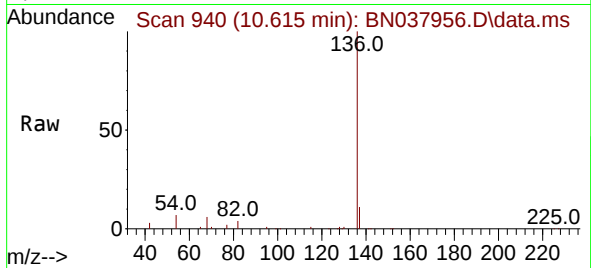




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.615 min Scan# 941
Delta R.T. -0.011 min
Lab File: BN037956.D
Acq: 30 Sep 2025 21:25

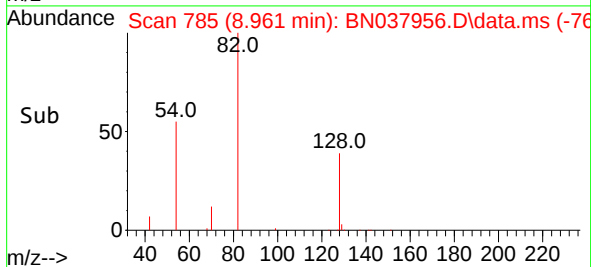
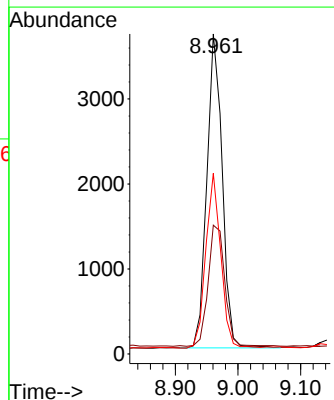
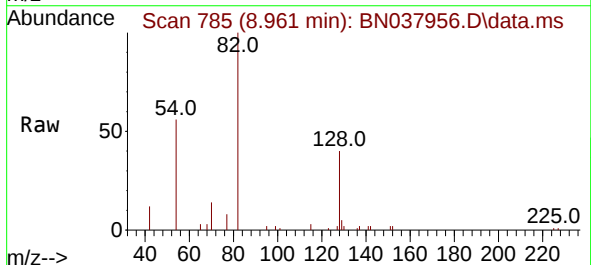
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20250923

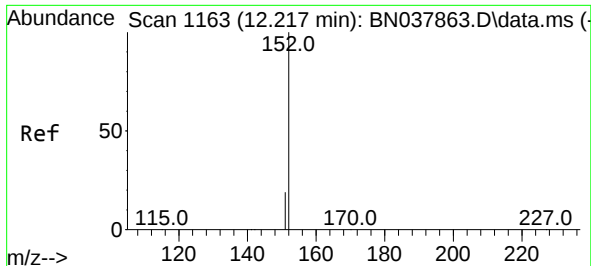
Tgt Ion:	136	Resp:	24203
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.4
54	7.5	5.8	8.8
68	5.8	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.340 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN037956.D
Acq: 30 Sep 2025 21:25

Tgt Ion:	82	Resp:	6282
Ion Ratio	Lower	Upper	
82	100		
128	40.3	34.8	52.2
54	56.5	42.2	63.2

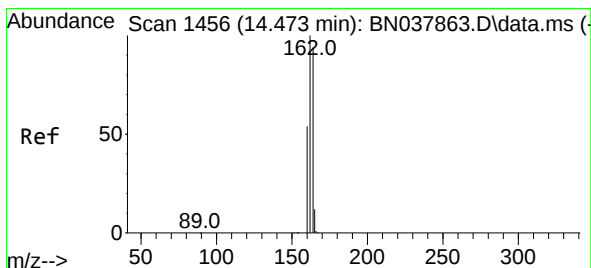
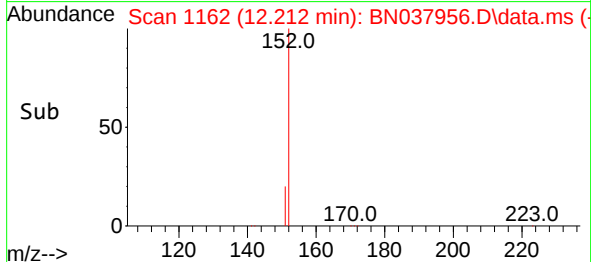
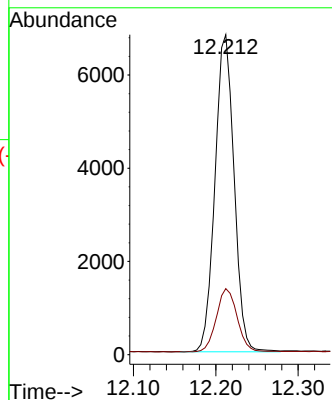
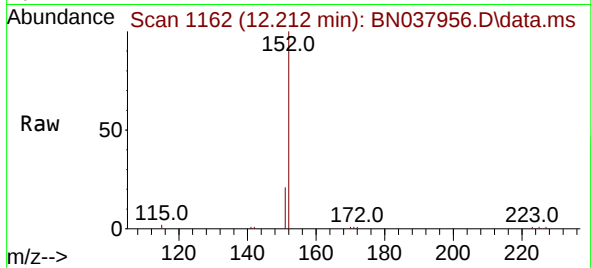




#11
2-Methylnaphthalene-d10
Concen: 0.325 ng
RT: 12.212 min Scan# 1162
Delta R.T. -0.005 min
Lab File: BN037956.D
Acq: 30 Sep 2025 21:25

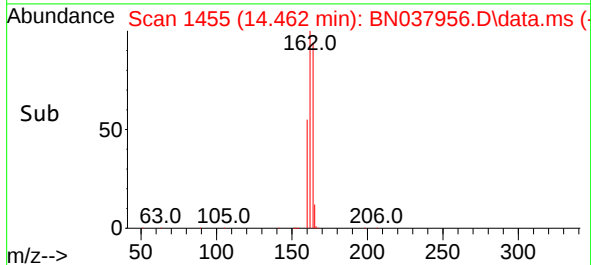
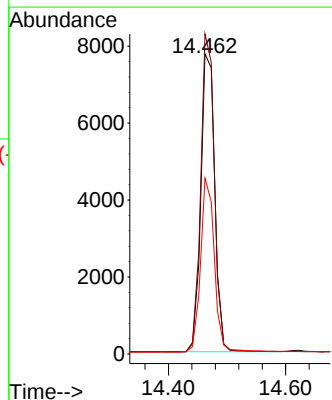
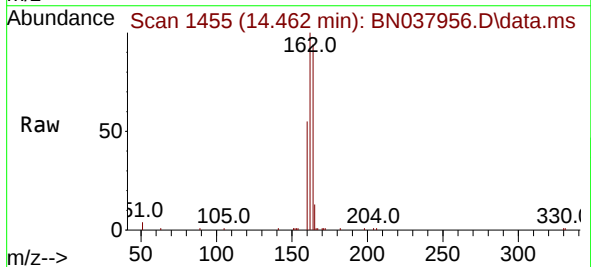
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20250923

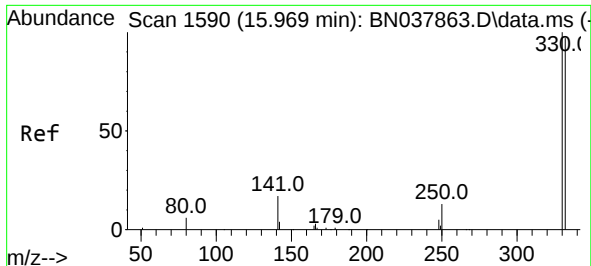
Tgt Ion:152 Resp: 10939
Ion Ratio Lower Upper
152 100
151 21.9 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.462 min Scan# 1455
Delta R.T. -0.011 min
Lab File: BN037956.D
Acq: 30 Sep 2025 21:25

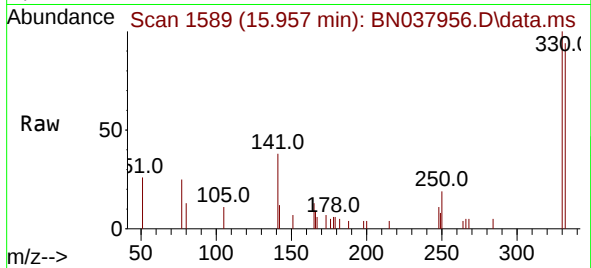
Tgt Ion:164 Resp: 12799
Ion Ratio Lower Upper
164 100
162 106.6 84.8 127.2
160 58.6 46.1 69.1



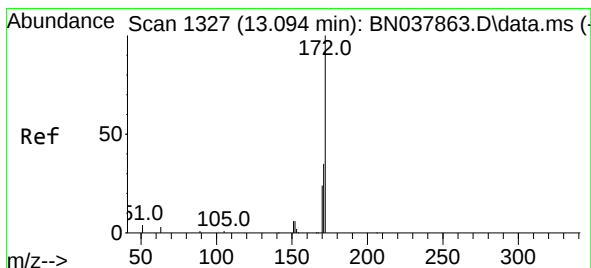
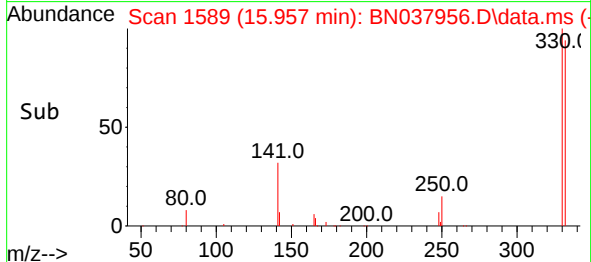
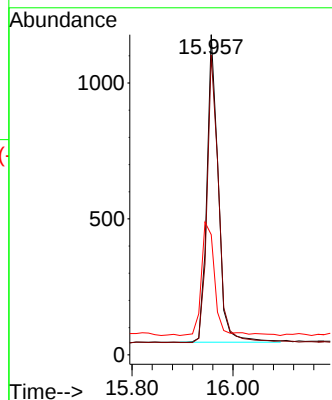


#14
2,4,6-Tribromophenol
Concen: 0.367 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN037956.D
Acq: 30 Sep 2025 21:25

Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20250923

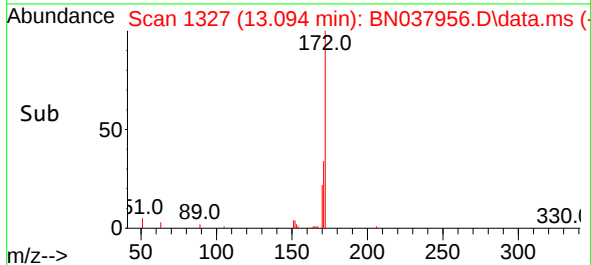
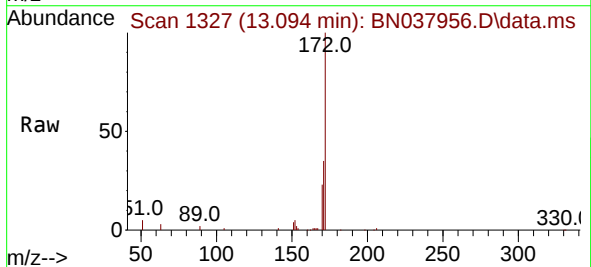
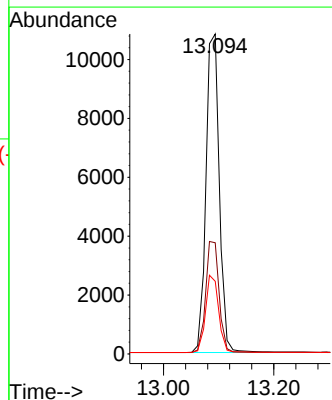


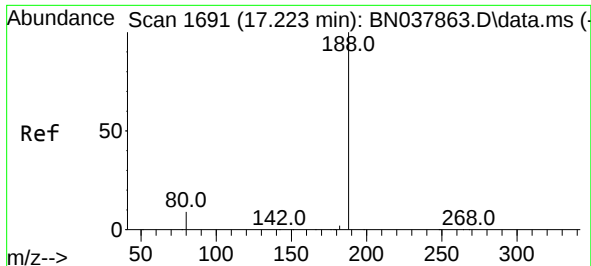
Tgt Ion:330 Resp: 1783
Ion Ratio Lower Upper
330 100
332 96.1 77.2 115.8
141 43.2 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.349 ng
RT: 13.094 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BN037956.D
Acq: 30 Sep 2025 21:25

Tgt Ion:172 Resp: 18307
Ion Ratio Lower Upper
172 100
171 34.7 28.6 43.0
170 22.7 19.7 29.5

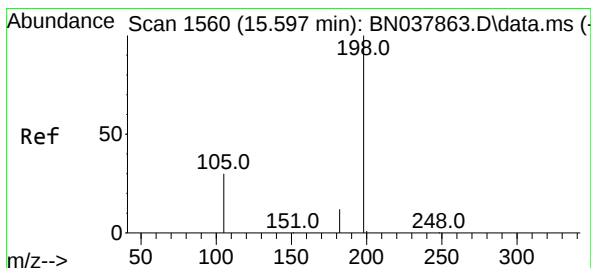
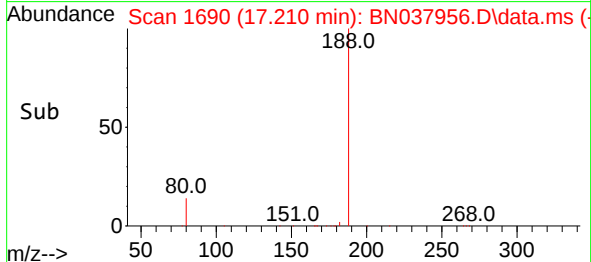
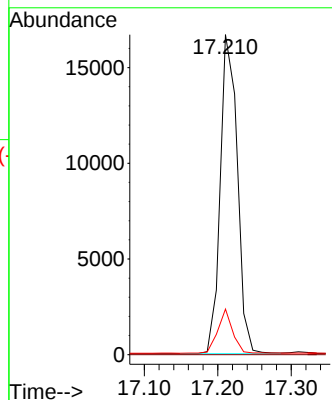
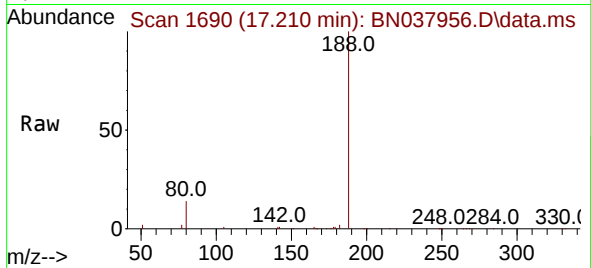




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.210 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN037956.D
Acq: 30 Sep 2025 21:25

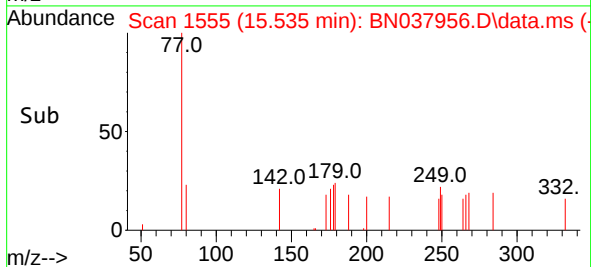
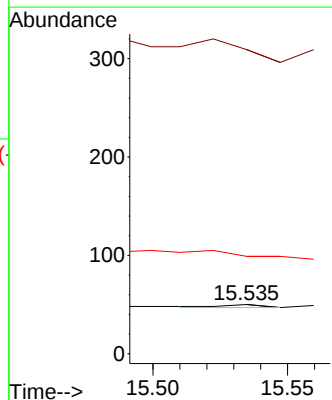
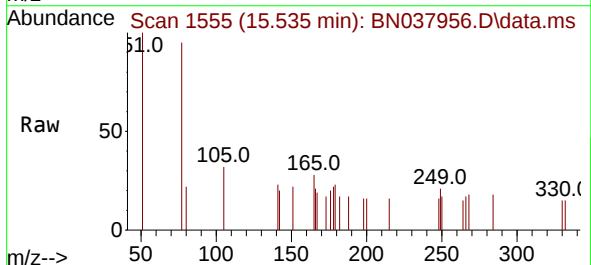
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20250923

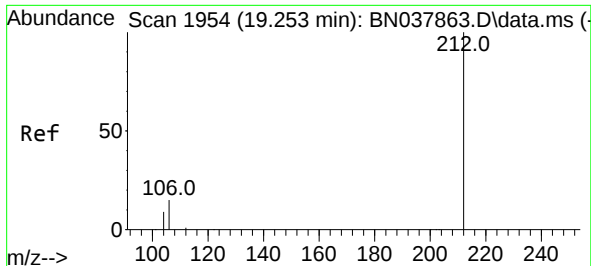
Tgt Ion:188 Resp: 26901
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.2 7.6 11.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.068 ng
RT: 15.535 min Scan# 1555
Delta R.T. -0.062 min
Lab File: BN037956.D
Acq: 30 Sep 2025 21:25

Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 618.0 59.1 88.7#
105 198.0 41.3 61.9#

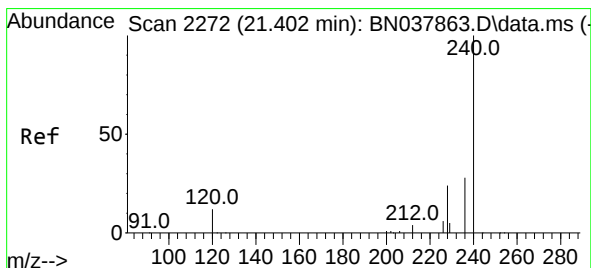
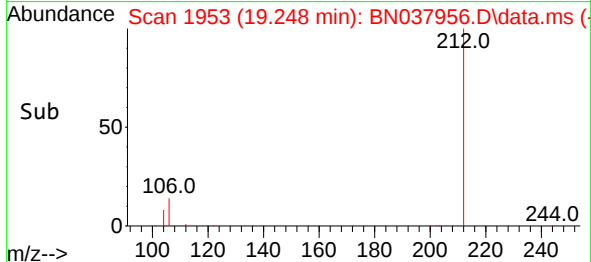
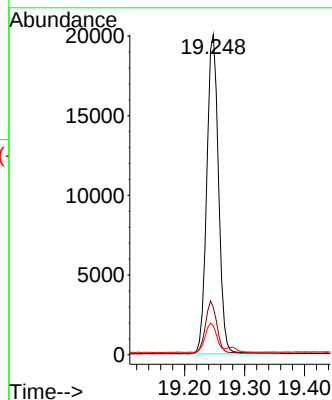
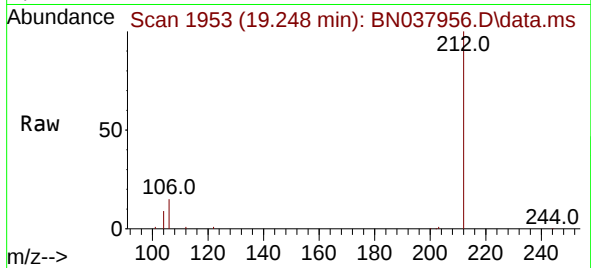




#27
Fluoranthene-d10
Concen: 0.402 ng
RT: 19.248 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BN037956.D
Acq: 30 Sep 2025 21:25

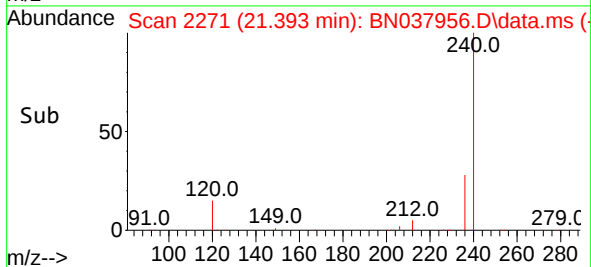
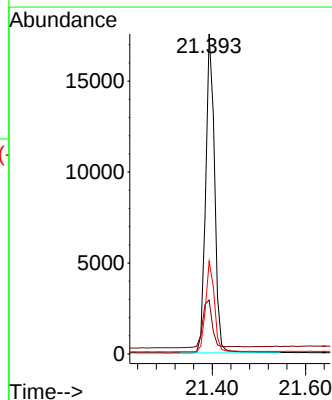
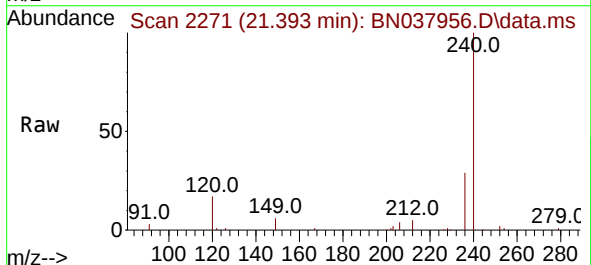
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20250923

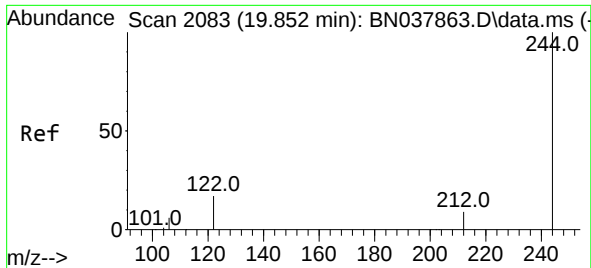
Tgt Ion:212 Resp: 27206
Ion Ratio Lower Upper
212 100
106 16.0 12.6 19.0
104 9.1 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN037956.D
Acq: 30 Sep 2025 21:25

Tgt Ion:240 Resp: 23284
Ion Ratio Lower Upper
240 100
120 16.9 11.4 17.2
236 29.0 23.0 34.6

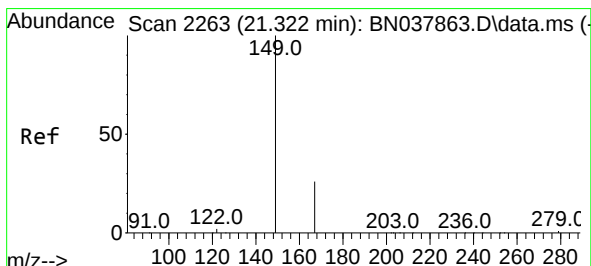
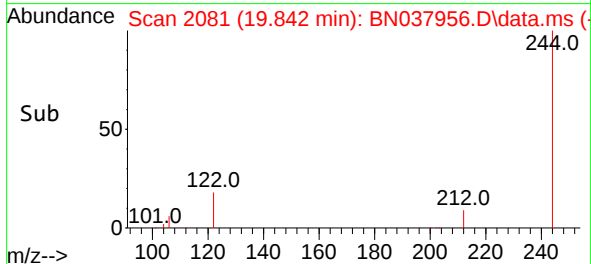
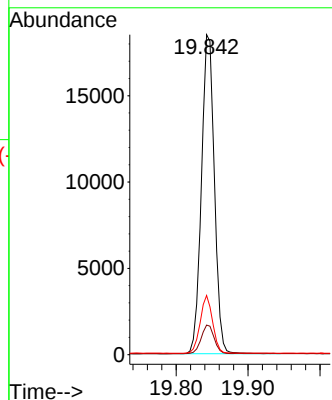
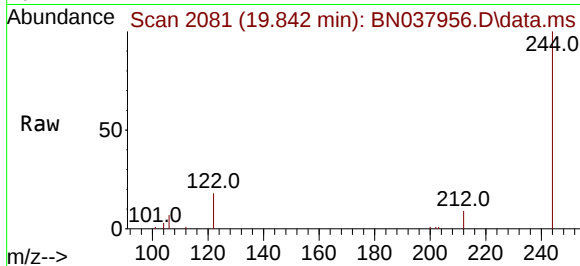




#31
 Terphenyl-d14
 Concen: 0.499 ng
 RT: 19.842 min Scan# 2083
 Delta R.T. -0.009 min
 Lab File: BN037956.D
 Acq: 30 Sep 2025 21:25

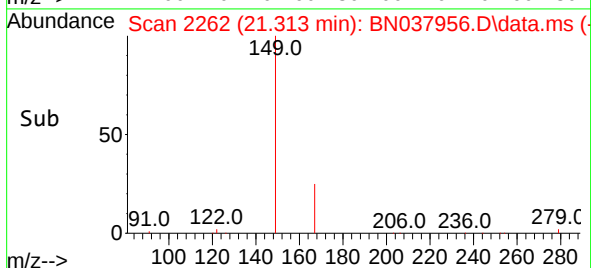
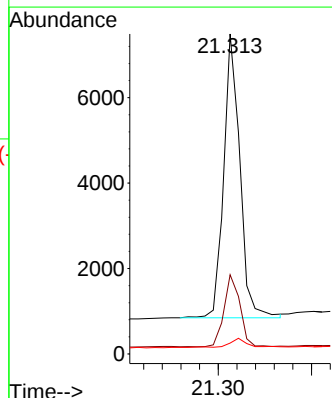
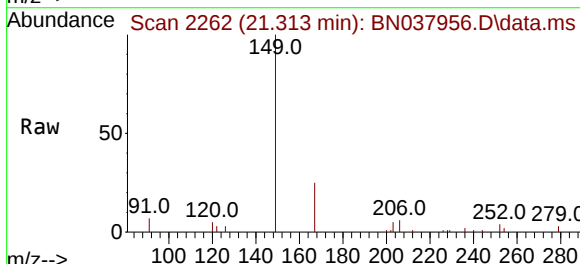
Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01S-20250923

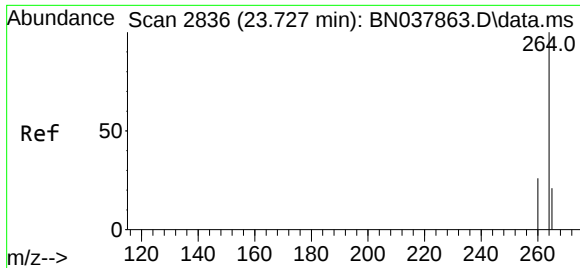
Tgt Ion:244 Resp: 23131
 Ion Ratio Lower Upper
 244 100
 212 9.3 7.6 11.4
 122 18.5 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.247 ng
 RT: 21.313 min Scan# 2262
 Delta R.T. -0.009 min
 Lab File: BN037956.D
 Acq: 30 Sep 2025 21:25

Tgt Ion:149 Resp: 7965
 Ion Ratio Lower Upper
 149 100
 167 24.9 20.4 30.6
 279 3.5 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: BN037956.D
Acq: 30 Sep 2025 21:25

Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20250923

Tgt Ion:264	Resp:	20264
Ion	Ratio	Lower Upper
264	100	
260	26.6	21.5 32.3
265	63.0	53.8 80.6

