

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093025\
 Data File : BN037954.D
 Acq On : 30 Sep 2025 20:12
 Operator : RC/JU
 Sample : Q3193-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT20551-20250923

Quant Time: Oct 01 01:23:20 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)

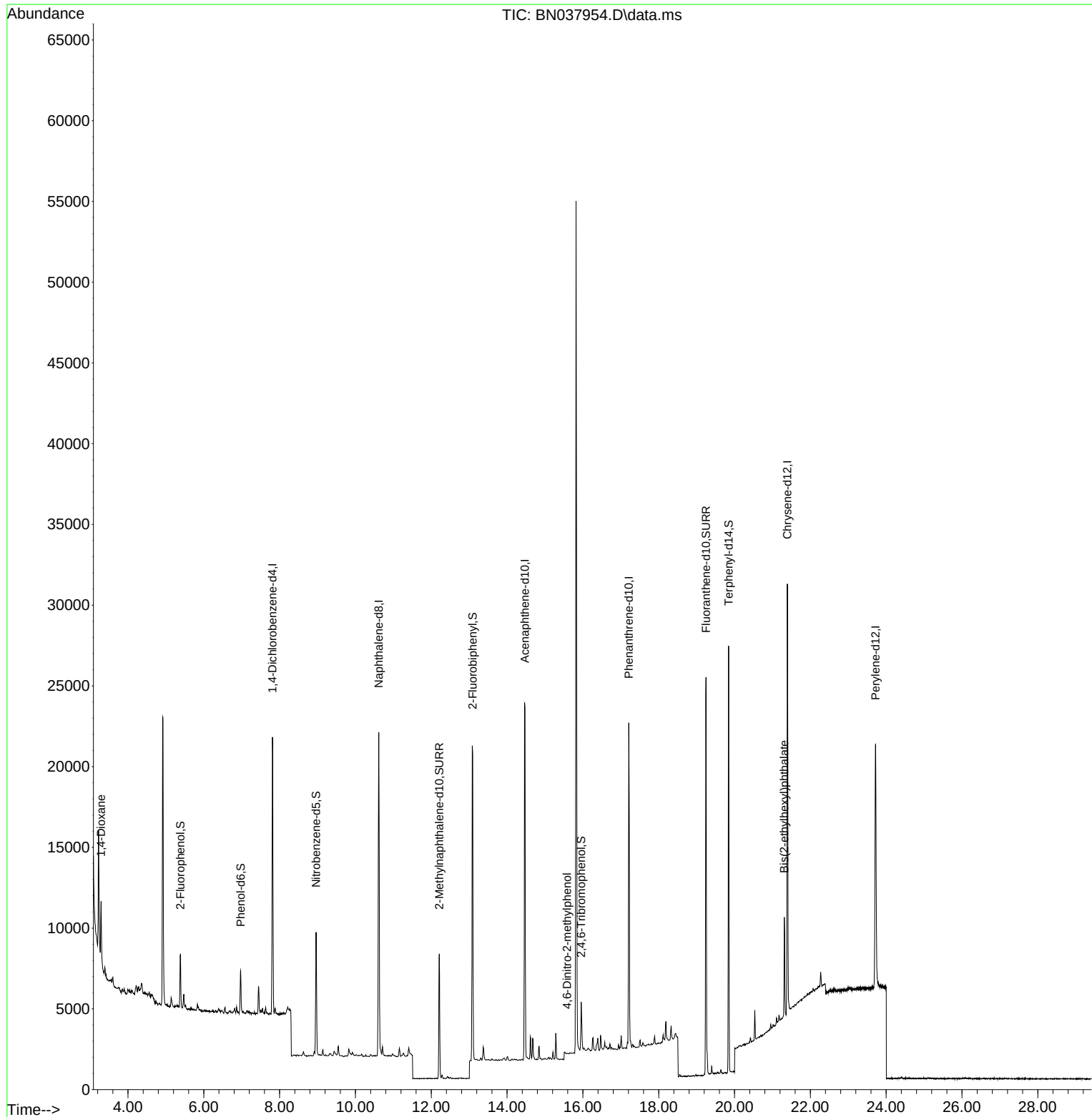
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	8400	0.400	ng	-0.01
7) Naphthalene-d8	10.616	136	25968	0.400	ng	-0.01
13) Acenaphthene-d10	14.473	164	13547	0.400	ng	0.00
19) Phenanthrene-d10	17.211	188	27176	0.400	ng	#-0.01
29) Chrysene-d12	21.393	240	23475	0.400	ng	0.00
35) Perylene-d12	23.718	264	21465	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	2757	0.144	ng	0.00
5) Phenol-d6	6.973	99	2354	0.093	ng	0.00
8) Nitrobenzene-d5	8.961	82	5911	0.298	ng	-0.01
11) 2-Methylnaphthalene-d10	12.212	152	10286	0.285	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	1729	0.337	ng	-0.01
15) 2-Fluorobiphenyl	13.094	172	18356	0.331	ng	0.00
27) Fluoranthene-d10	19.248	212	26742	0.391	ng	0.00
31) Terphenyl-d14	19.847	244	24712	0.528	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	2593	0.304	ng	# 85
20) 4,6-Dinitro-2-methylph...	15.585	198	13	0.071	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.313	149	6206	0.191	ng	# 99

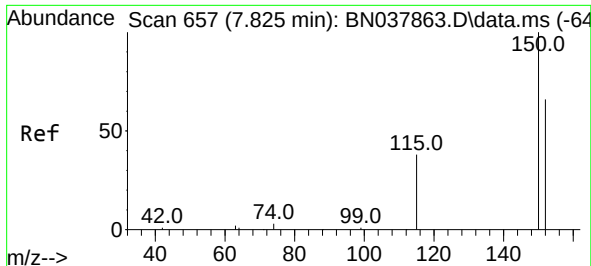
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093025\
Data File : BN037954.D
Acq On : 30 Sep 2025 20:12
Operator : RC/JU
Sample : Q3193-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT20551-20250923

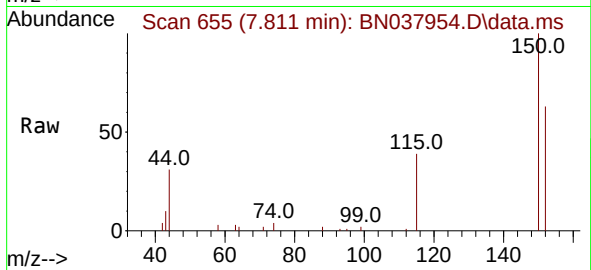
Quant Time: Oct 01 01:23:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
Response via : Initial Calibration



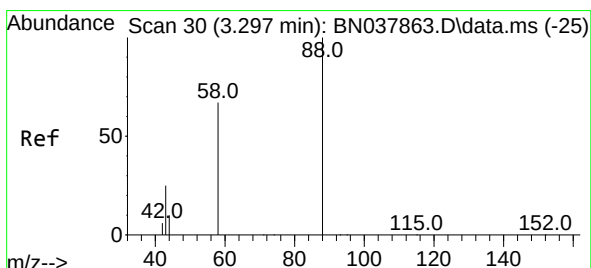
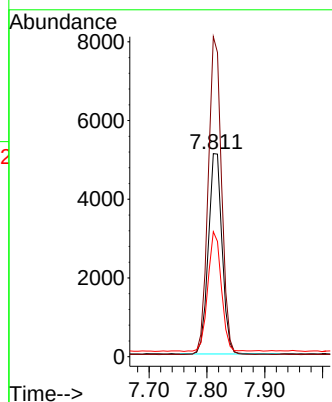
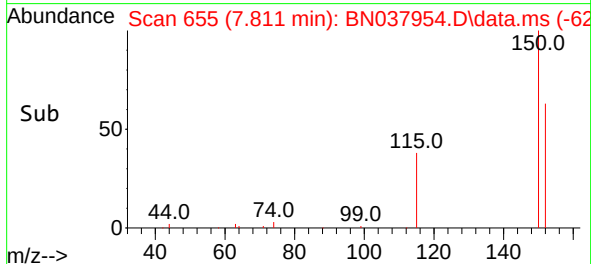


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.811 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN037954.D
 Acq: 30 Sep 2025 20:12

Instrument :
 BNA_N
 ClientSampleId :
 TT20551-20250923

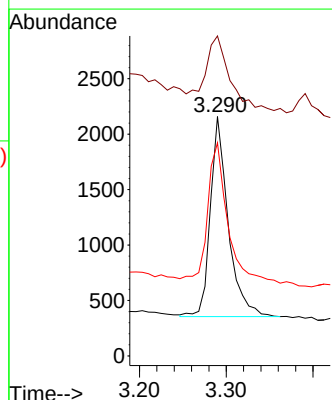
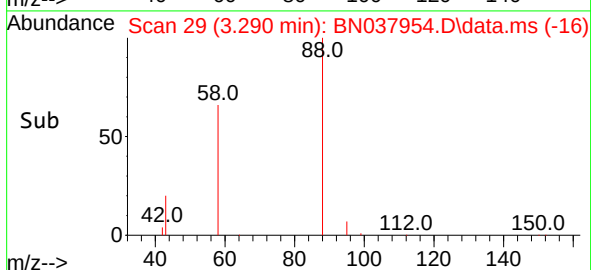
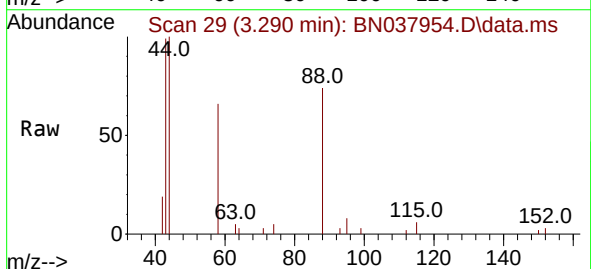


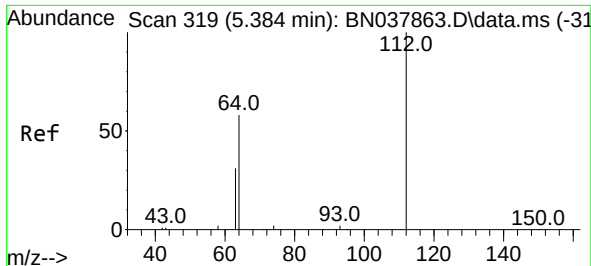
Tgt Ion:152 Resp: 8400
 Ion Ratio Lower Upper
 152 100
 150 157.6 121.0 181.4
 115 61.6 47.4 71.0



#2
 1,4-Dioxane
 Concen: 0.304 ng
 RT: 3.290 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN037954.D
 Acq: 30 Sep 2025 20:12

Tgt Ion: 88 Resp: 2593
 Ion Ratio Lower Upper
 88 100
 43 52.3 26.6 39.8#
 58 79.0 58.9 88.3

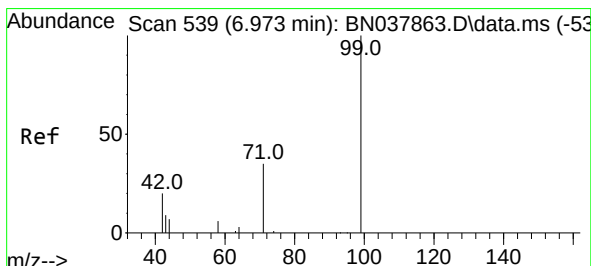
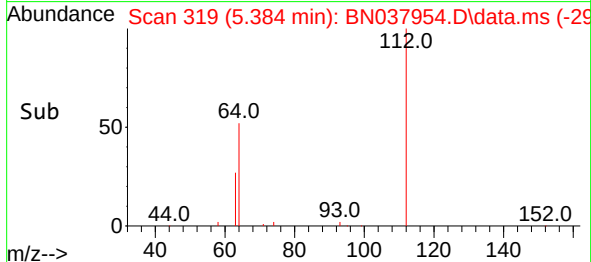
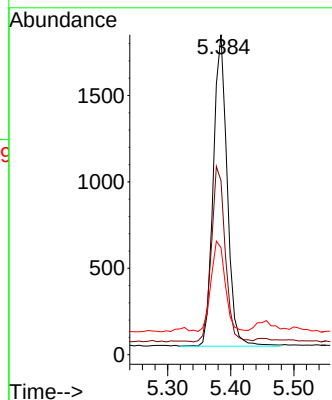
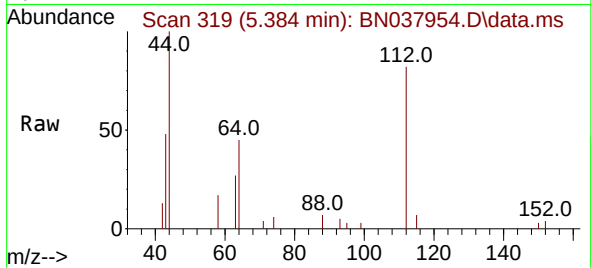




#4
2-Fluorophenol
Concen: 0.144 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN037954.D
Acq: 30 Sep 2025 20:12

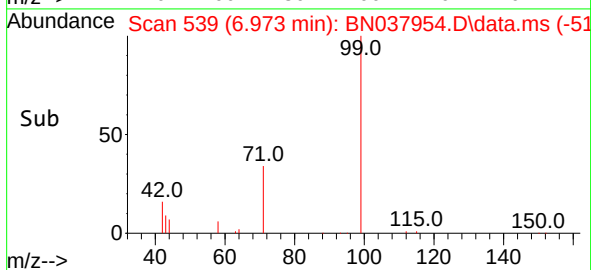
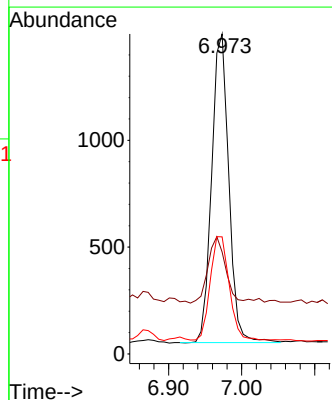
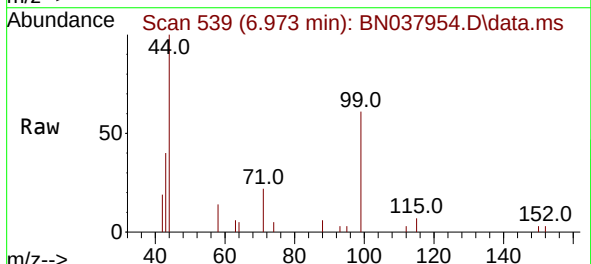
Instrument :
BNA_N
ClientSampleId :
TT20551-20250923

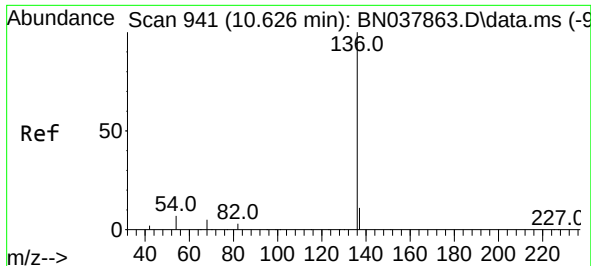
Tgt Ion:112 Resp: 2757
Ion Ratio Lower Upper
112 100
64 56.1 44.6 66.8
63 29.8 24.9 37.3



#5
Phenol-d6
Concen: 0.093 ng
RT: 6.973 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037954.D
Acq: 30 Sep 2025 20:12

Tgt Ion: 99 Resp: 2354
Ion Ratio Lower Upper
99 100
42 21.8 17.2 25.8
71 36.9 27.3 40.9

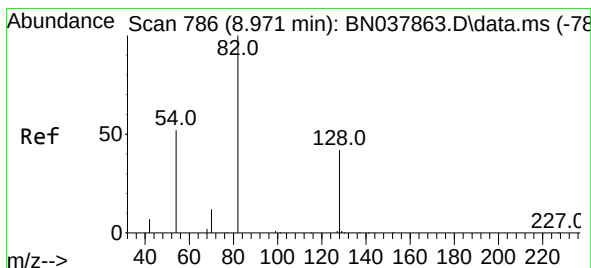
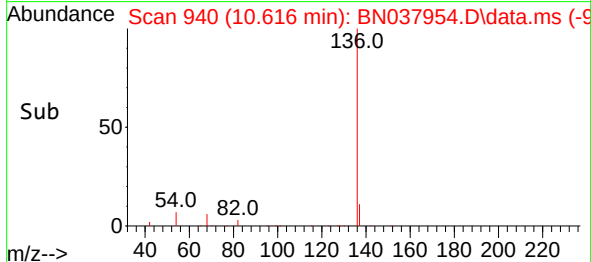
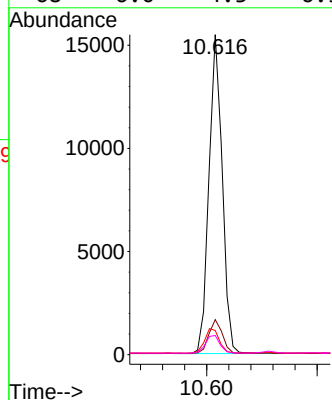
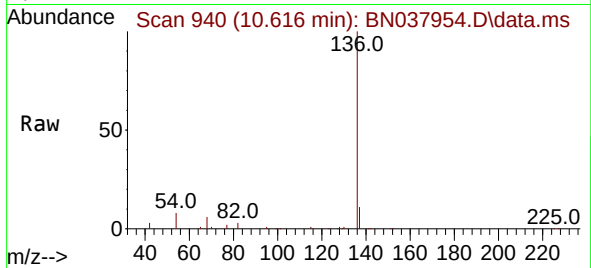




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 941
Delta R.T. -0.011 min
Lab File: BN037954.D
Acq: 30 Sep 2025 20:12

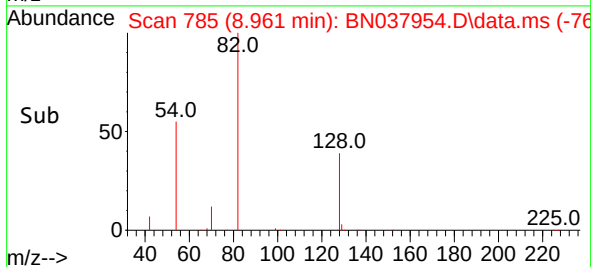
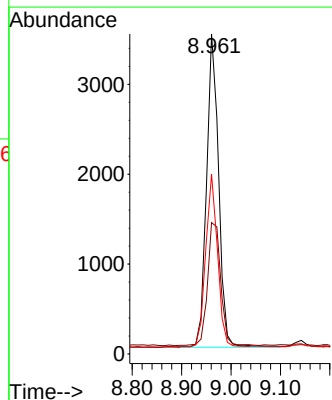
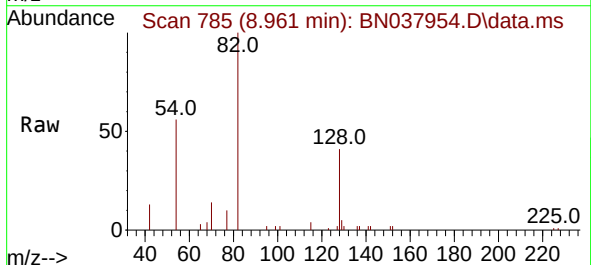
Instrument :
BNA_N
ClientSampleId :
TT20551-20250923

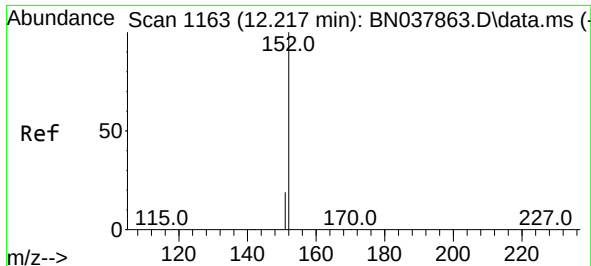
Tgt Ion:	136	Resp:	25968
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.0	13.4
54	7.5	5.8	8.8
68	6.0	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.298 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN037954.D
Acq: 30 Sep 2025 20:12

Tgt Ion:	82	Resp:	5911
Ion Ratio	Lower	Upper	
82	100		
128	41.1	34.8	52.2
54	56.2	42.2	63.2

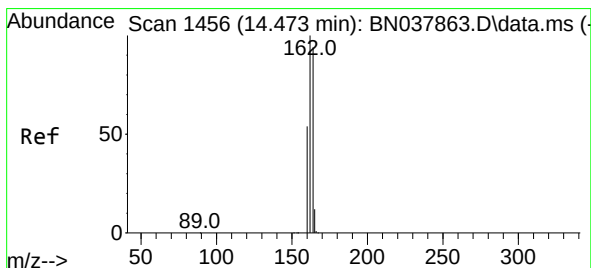
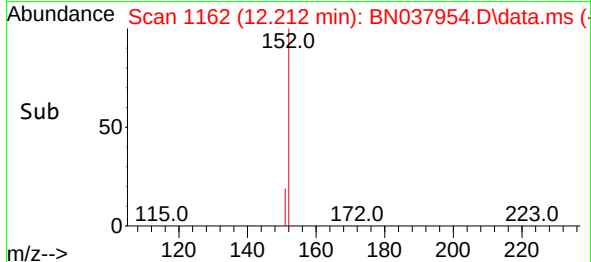
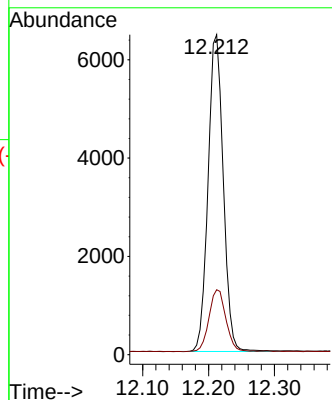
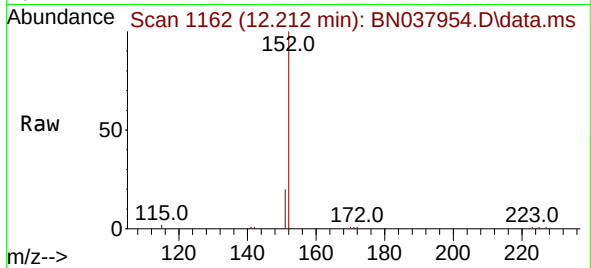




#11
2-Methylnaphthalene-d10
Concen: 0.285 ng
RT: 12.212 min Scan# 1162
Delta R.T. -0.005 min
Lab File: BN037954.D
Acq: 30 Sep 2025 20:12

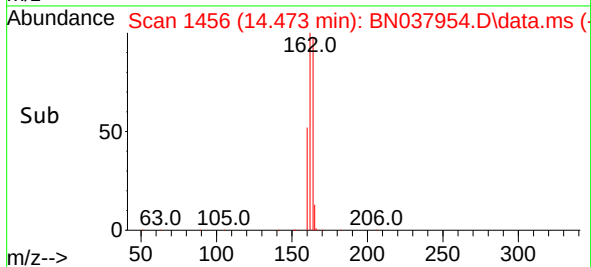
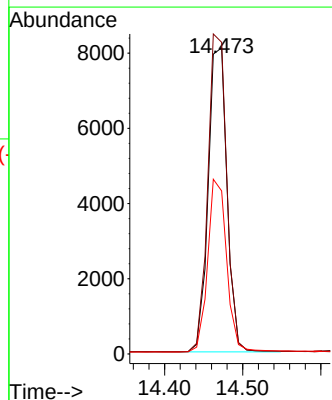
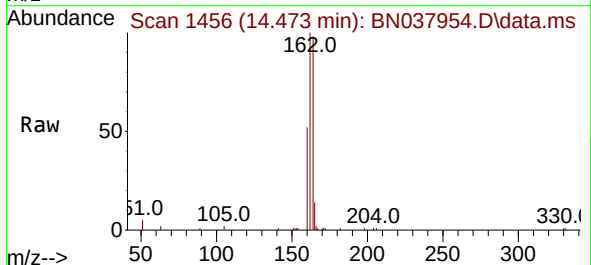
Instrument :
BNA_N
ClientSampleId :
TT20551-20250923

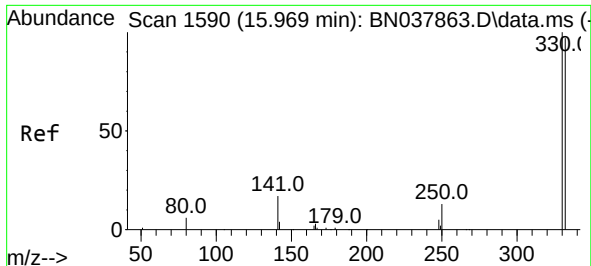
Tgt Ion:152 Resp: 10286
Ion Ratio Lower Upper
152 100
151 21.7 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BN037954.D
Acq: 30 Sep 2025 20:12

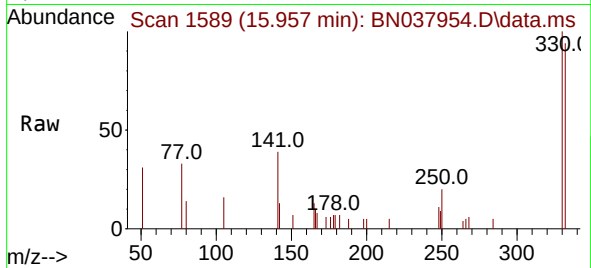
Tgt Ion:164 Resp: 13547
Ion Ratio Lower Upper
164 100
162 101.8 84.8 127.2
160 53.2 46.1 69.1



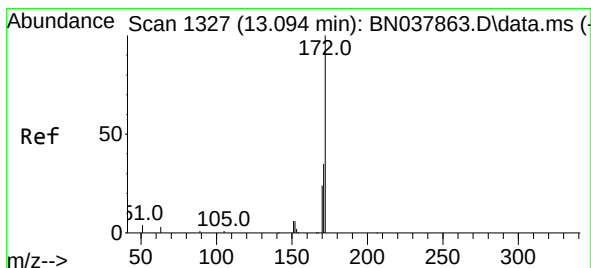
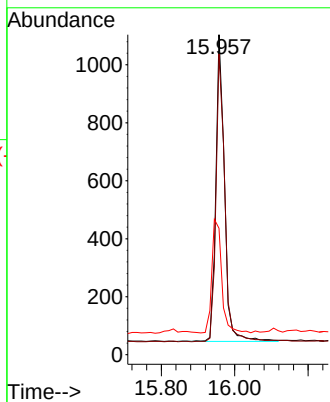
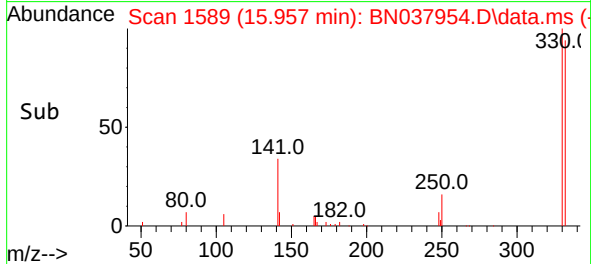


#14
2,4,6-Tribromophenol
Concen: 0.337 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN037954.D
Acq: 30 Sep 2025 20:12

Instrument :
BNA_N
ClientSampleId :
TT20551-20250923

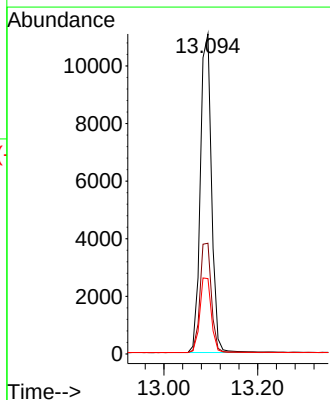
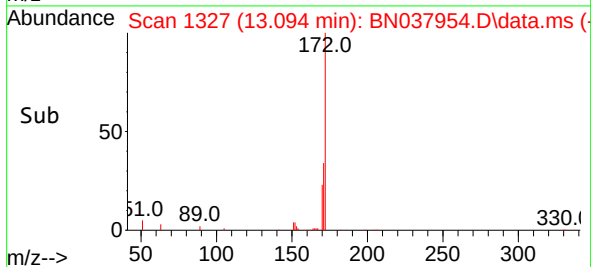
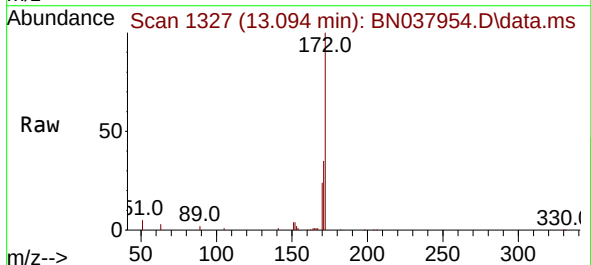


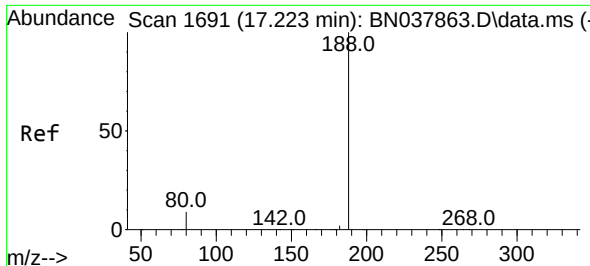
Tgt Ion:330 Resp: 1729
Ion Ratio Lower Upper
330 100
332 95.4 77.2 115.8
141 42.3 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.331 ng
RT: 13.094 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BN037954.D
Acq: 30 Sep 2025 20:12

Tgt Ion:172 Resp: 18356
Ion Ratio Lower Upper
172 100
171 34.6 28.6 43.0
170 23.6 19.7 29.5

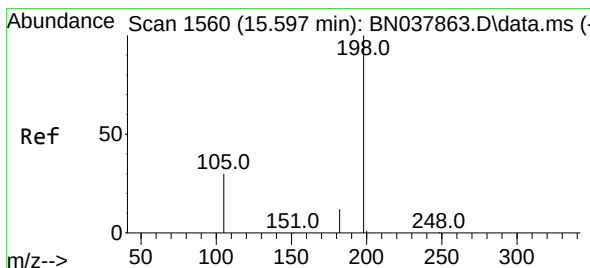
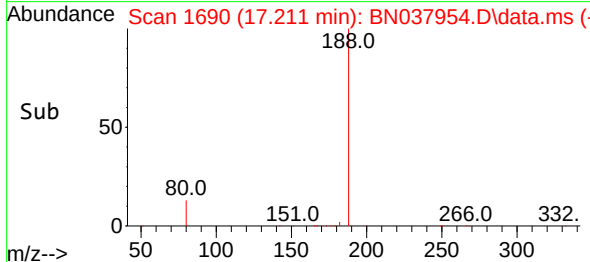
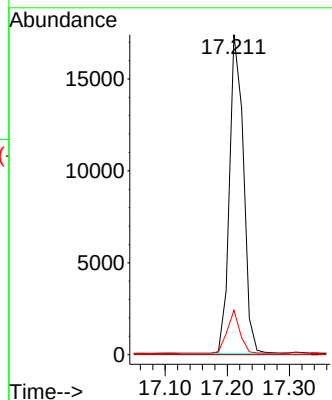
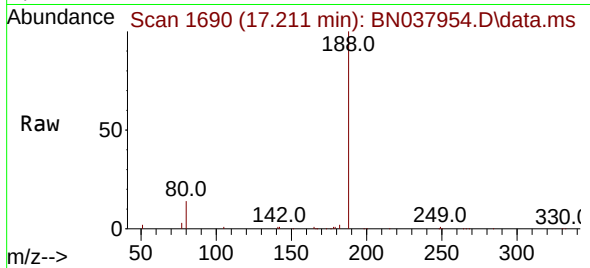




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037954.D
Acq: 30 Sep 2025 20:12

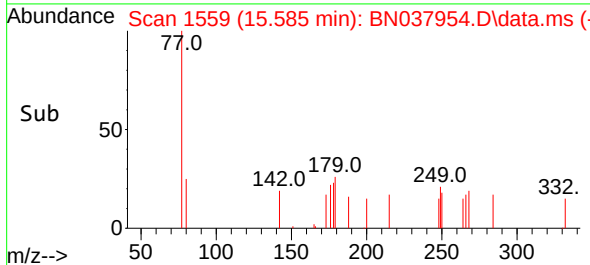
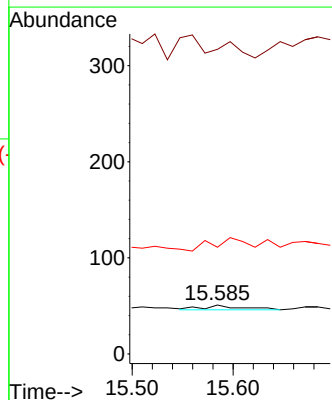
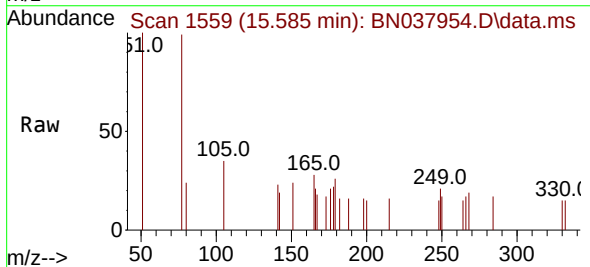
Instrument :
BNA_N
ClientSampleId :
TT20551-20250923

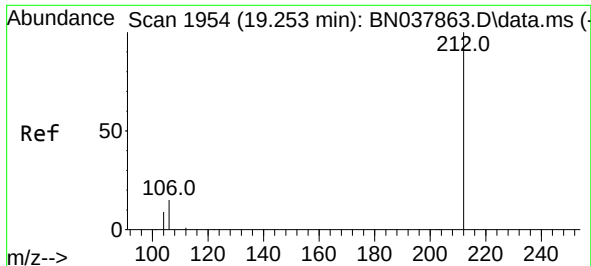
Tgt Ion:188 Resp: 27176
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.9 7.6 11.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.071 ng
RT: 15.585 min Scan# 1559
Delta R.T. -0.012 min
Lab File: BN037954.D
Acq: 30 Sep 2025 20:12

Tgt Ion:198 Resp: 13
Ion Ratio Lower Upper
198 100
51 621.6 59.1 88.7#
105 217.6 41.3 61.9#





#27

Fluoranthene-d10

Concen: 0.391 ng

RT: 19.248 min Scan# 1953

Delta R.T. -0.005 min

Lab File: BN037954.D

Acq: 30 Sep 2025 20:12

Instrument :

BNA_N

ClientSampleId :

TT20551-20250923

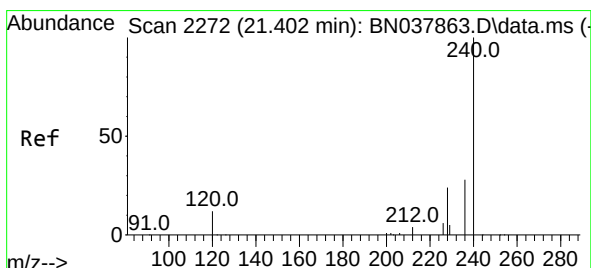
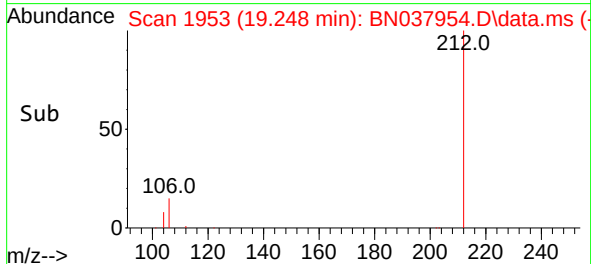
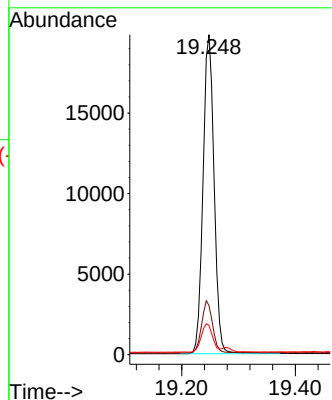
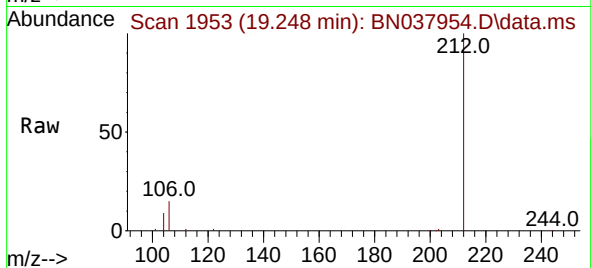
Tgt Ion:212 Resp: 26742

Ion Ratio Lower Upper

212 100

106 16.2 12.6 19.0

104 9.0 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: BN037954.D

Acq: 30 Sep 2025 20:12

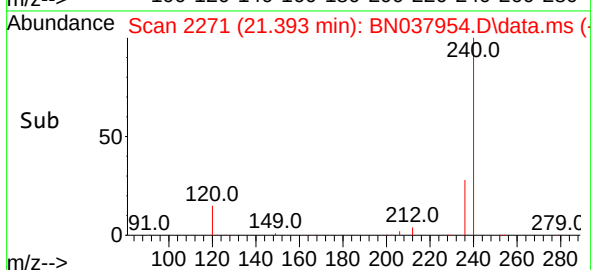
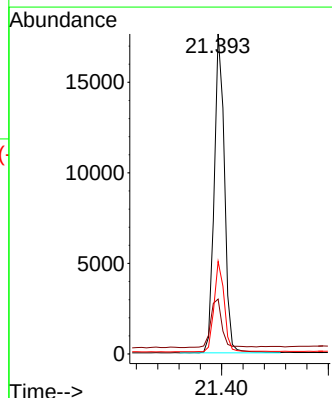
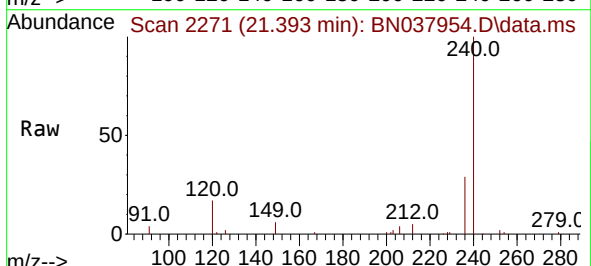
Tgt Ion:240 Resp: 23475

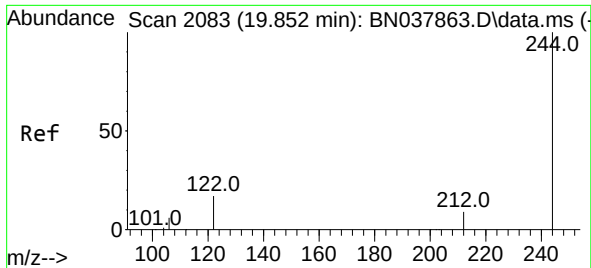
Ion Ratio Lower Upper

240 100

120 17.1 11.4 17.2

236 28.9 23.0 34.6

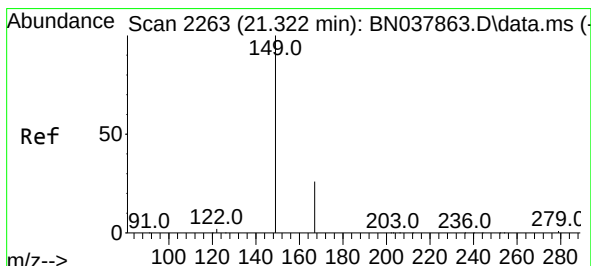
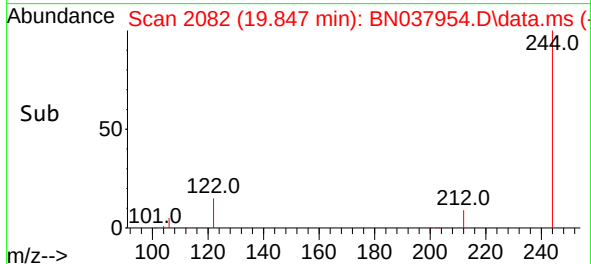
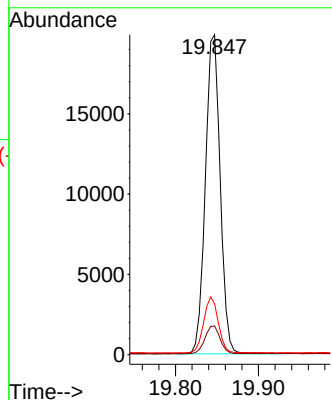
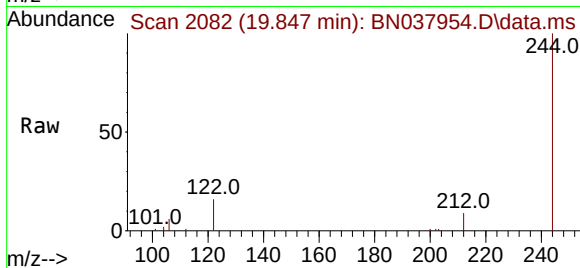




#31
 Terphenyl-d14
 Concen: 0.528 ng
 RT: 19.847 min Scan# 2082
 Delta R.T. -0.005 min
 Lab File: BN037954.D
 Acq: 30 Sep 2025 20:12

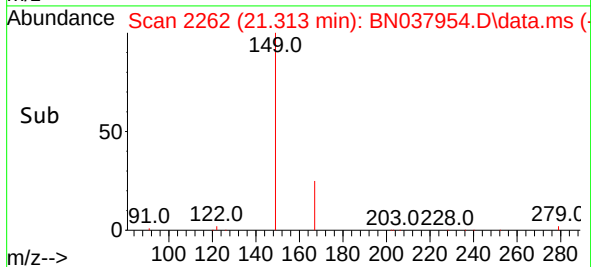
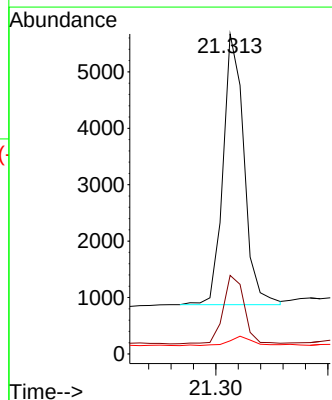
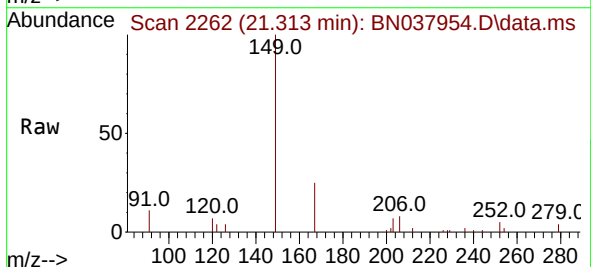
Instrument :
 BNA_N
 ClientSampleId :
 TT20551-20250923

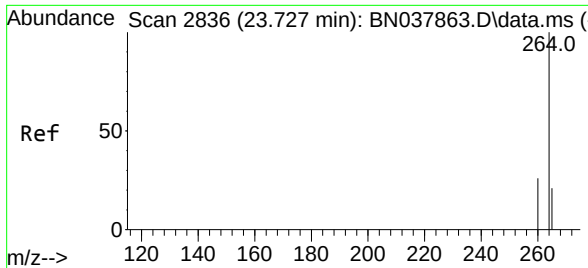
Tgt Ion:244 Resp: 24712
 Ion Ratio Lower Upper
 244 100
 212 9.0 7.6 11.4
 122 15.9 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.191 ng
 RT: 21.313 min Scan# 2262
 Delta R.T. -0.009 min
 Lab File: BN037954.D
 Acq: 30 Sep 2025 20:12

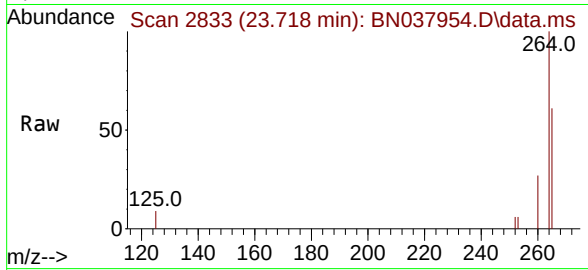
Tgt Ion:149 Resp: 6206
 Ion Ratio Lower Upper
 149 100
 167 25.4 20.4 30.6
 279 4.4 2.4 3.6#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.718 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN037954.D
 Acq: 30 Sep 2025 20:12

Instrument :
 BNA_N
 ClientSampleId :
 TT20551-20250923



Tgt Ion:264 Resp: 21465

Ion	Ratio	Lower	Upper
264	100		
260	26.5	21.5	32.3
265	60.7	53.8	80.6

