

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093025\
 Data File : BN037967.D
 Acq On : 01 Oct 2025 04:48
 Operator : RC/JU
 Sample : Q3193-16
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT161S1-20250923

Quant Time: Oct 01 05:26:03 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)

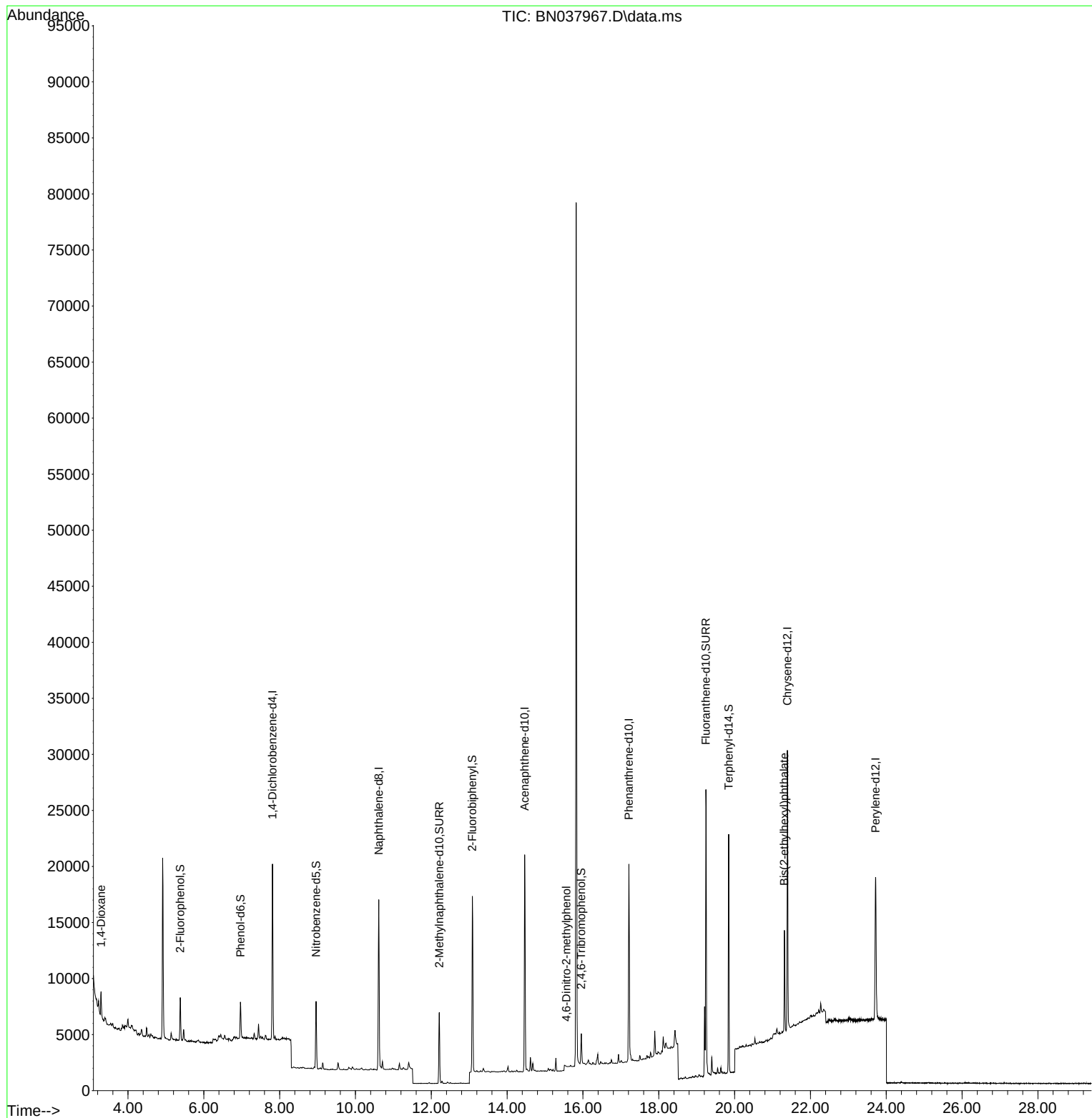
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	7403	0.400	ng	-0.01
7) Naphthalene-d8	10.616	136	19689	0.400	ng	-0.01
13) Acenaphthene-d10	14.462	164	10797	0.400	ng	-0.01
19) Phenanthrene-d10	17.211	188	22824	0.400	ng	#-0.01
29) Chrysene-d12	21.393	240	21668	0.400	ng	# 0.00
35) Perylene-d12	23.718	264	17961	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	3117	0.185	ng	0.00
5) Phenol-d6	6.966	99	3041	0.137	ng	0.00
8) Nitrobenzene-d5	8.961	82	4755	0.317	ng	-0.01
11) 2-Methylnaphthalene-d10	12.212	152	8672	0.317	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	1513	0.370	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	14113	0.319	ng	-0.01
27) Fluoranthene-d10	19.243	212	27087	0.472	ng	0.00
31) Terphenyl-d14	19.842	244	19246	0.446	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	1435	0.191	ng	# 77
20) 4,6-Dinitro-2-methylph...	15.560	198	12	0.072	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.313	149	8567	0.286	ng	# 99

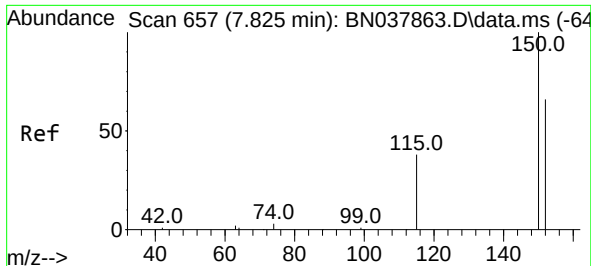
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093025\
Data File : BN037967.D
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Operator : RC/JU
Sample : Q3193-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT161S1-20250923

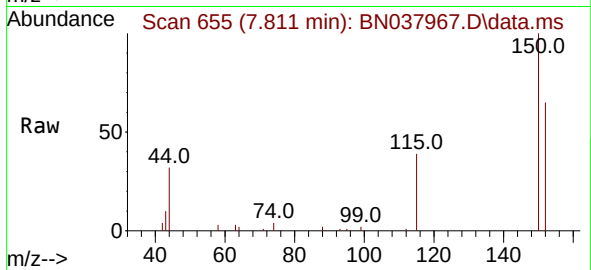
Quant Time: Oct 01 05:26:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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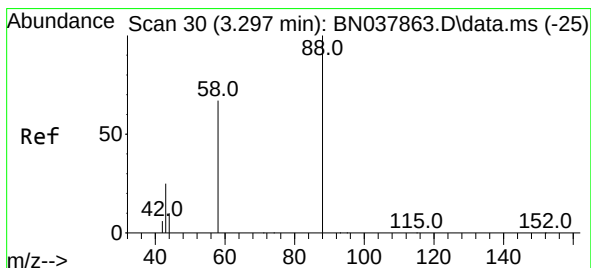
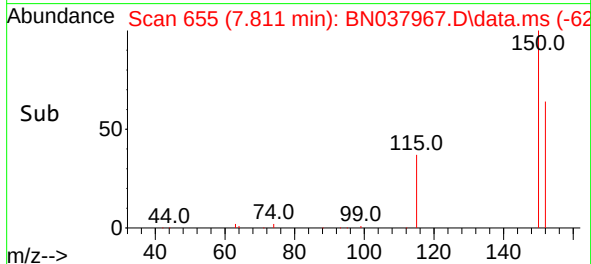
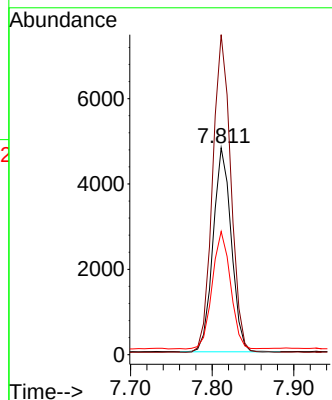


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.811 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN037967.D
Acq: 01 Oct 2025 04:48

Instrument :
BNA_N
ClientSampleId :
TT161S1-20250923

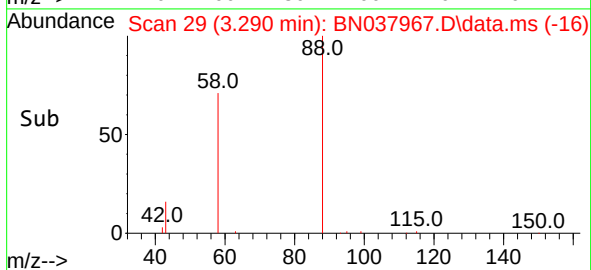
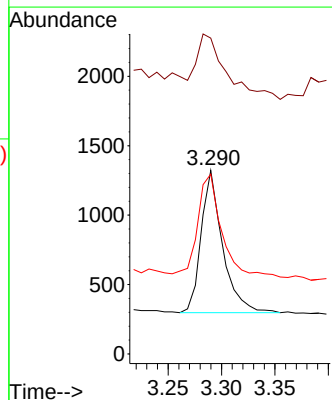
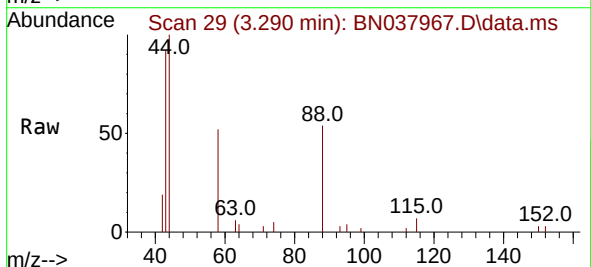


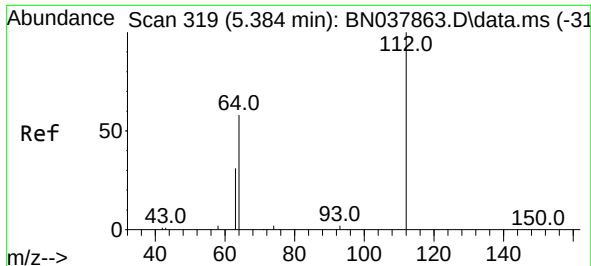
Tgt Ion:152 Resp: 7403
Ion Ratio Lower Upper
152 100
150 154.7 121.0 181.4
115 59.6 47.4 71.0



#2
1,4-Dioxane
Concen: 0.191 ng
RT: 3.290 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN037967.D
Acq: 01 Oct 2025 04:48

Tgt Ion: 88 Resp: 1435
Ion Ratio Lower Upper
88 100
43 63.5 26.6 39.8#
58 82.0 58.9 88.3

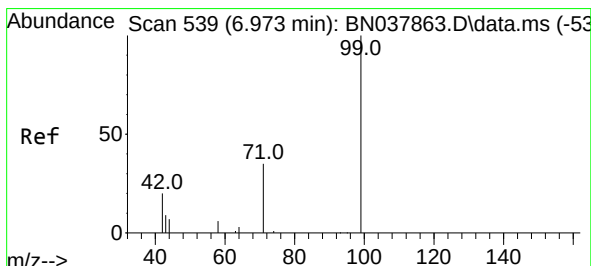
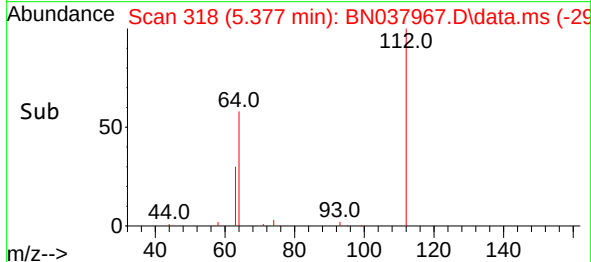
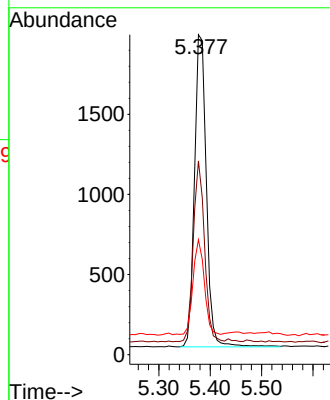
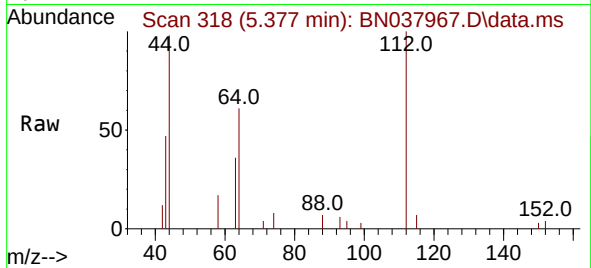




#4
2-Fluorophenol
Concen: 0.185 ng
RT: 5.377 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037967.D
Acq: 01 Oct 2025 04:48

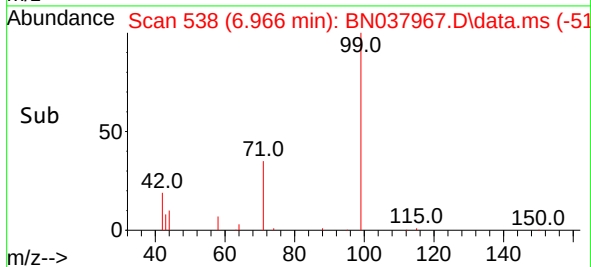
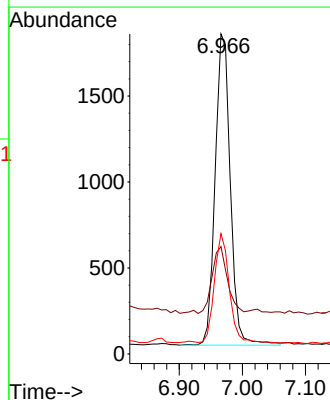
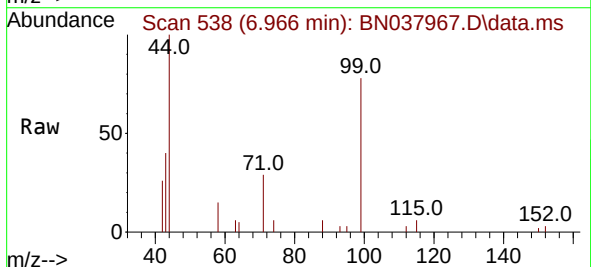
Instrument :
BNA_N
ClientSampleId :
TT161S1-20250923

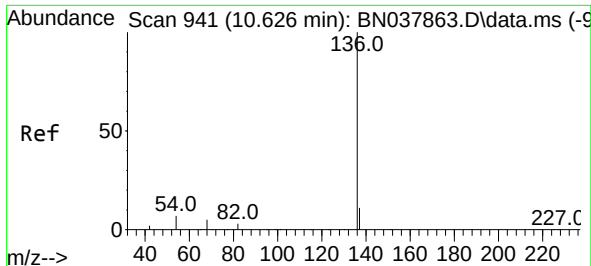
Tgt Ion:112 Resp: 3117
Ion Ratio Lower Upper
112 100
64 54.6 44.6 66.8
63 28.5 24.9 37.3



#5
Phenol-d6
Concen: 0.137 ng
RT: 6.966 min Scan# 538
Delta R.T. -0.007 min
Lab File: BN037967.D
Acq: 01 Oct 2025 04:48

Tgt Ion: 99 Resp: 3041
Ion Ratio Lower Upper
99 100
42 22.4 17.2 25.8
71 34.6 27.3 40.9

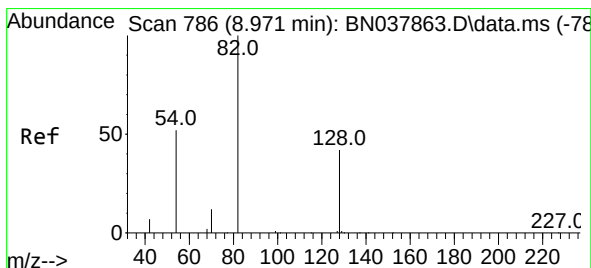
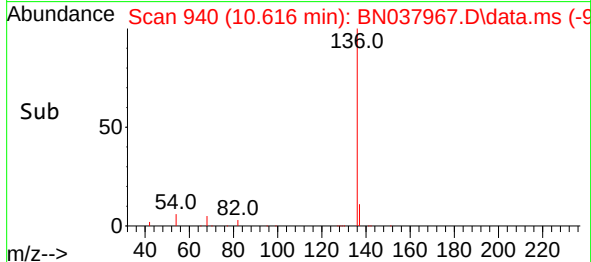
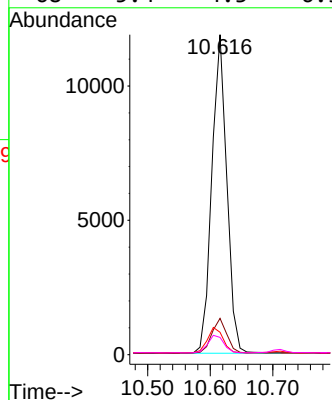
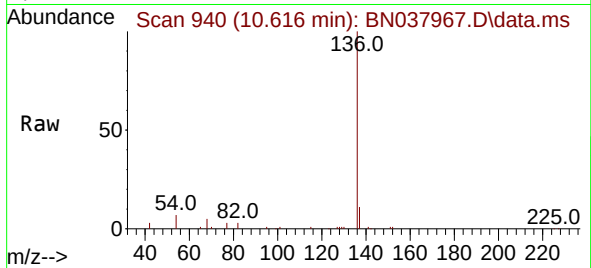




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 941
Delta R.T. -0.011 min
Lab File: BN037967.D
Acq: 01 Oct 2025 04:48

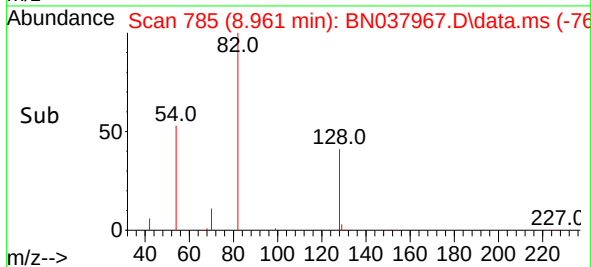
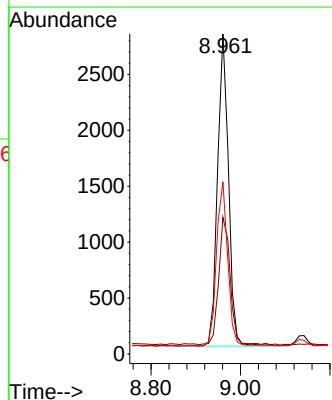
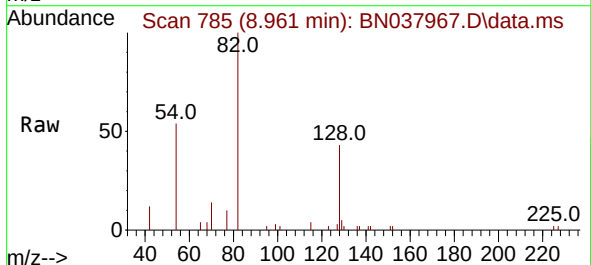
Instrument :
BNA_N
ClientSampleId :
TT161S1-20250923

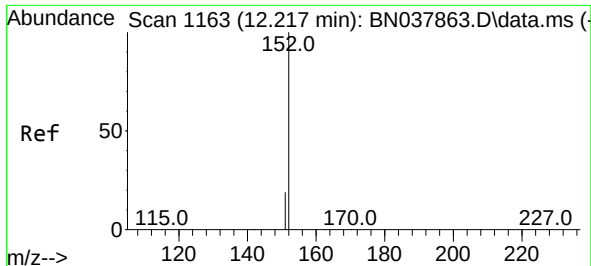
Tgt Ion:136	Resp:	19689
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.0 13.4
54	7.0	5.8 8.8
68	5.4	4.3 6.5



#8
Nitrobenzene-d5
Concen: 0.317 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN037967.D
Acq: 01 Oct 2025 04:48

Tgt Ion: 82	Resp:	4755
Ion Ratio	Lower	Upper
82	100	
128	42.7	34.8 52.2
54	53.8	42.2 63.2

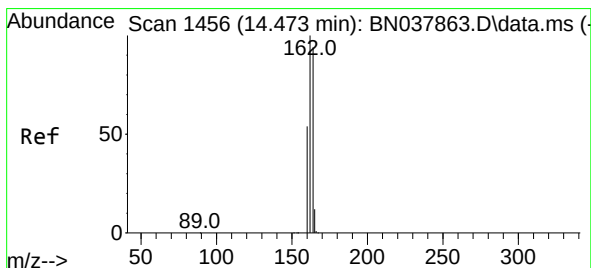
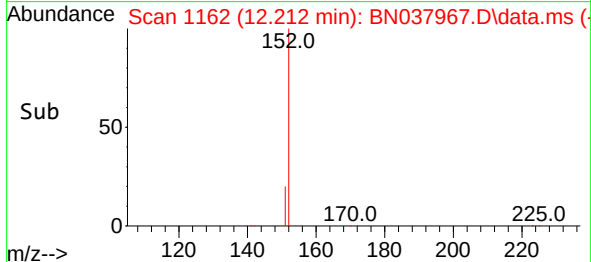
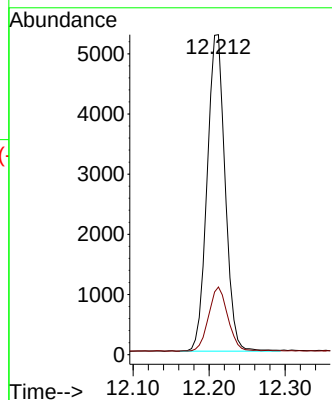
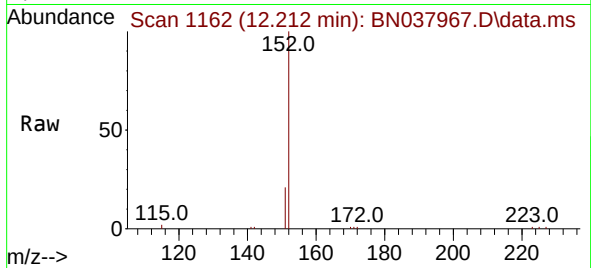




#11
2-Methylnaphthalene-d10
Concen: 0.317 ng
RT: 12.212 min Scan# 1162
Delta R.T. -0.005 min
Lab File: BN037967.D
Acq: 01 Oct 2025 04:48

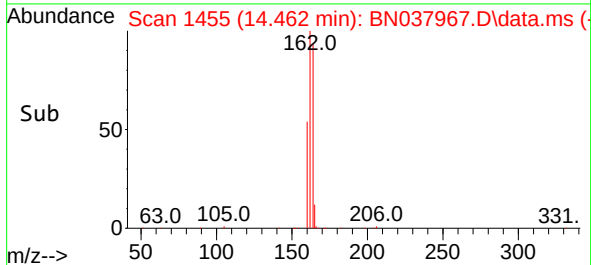
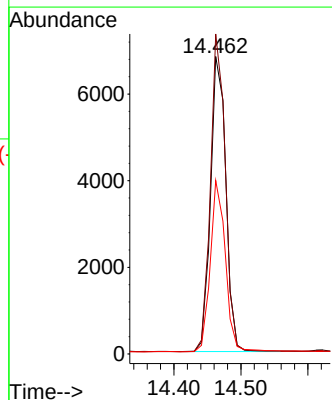
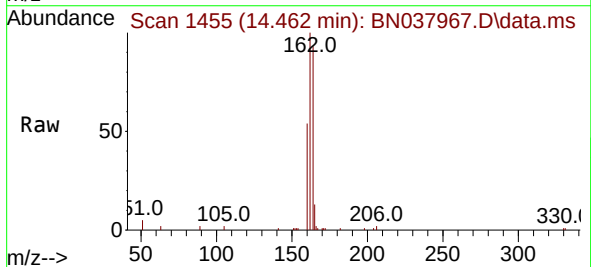
Instrument :
BNA_N
ClientSampleId :
TT161S1-20250923

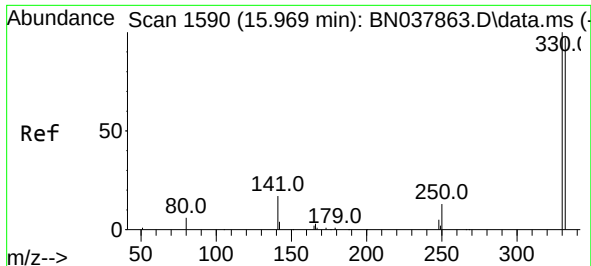
Tgt Ion:152 Resp: 8672
Ion Ratio Lower Upper
152 100
151 21.8 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.462 min Scan# 1455
Delta R.T. -0.011 min
Lab File: BN037967.D
Acq: 01 Oct 2025 04:48

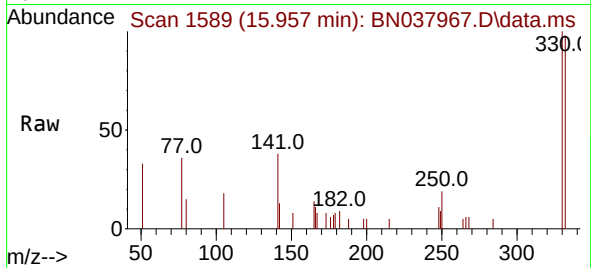
Tgt Ion:164 Resp: 10797
Ion Ratio Lower Upper
164 100
162 107.6 84.8 127.2
160 58.3 46.1 69.1



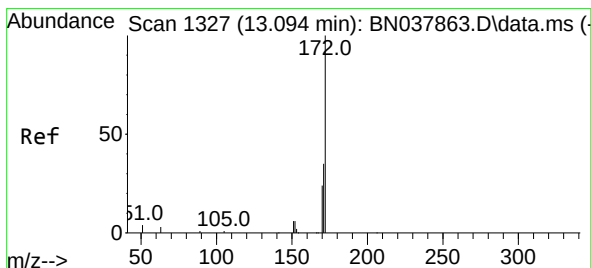
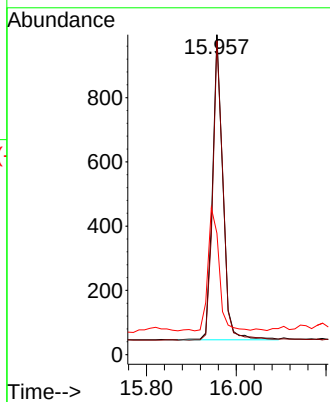
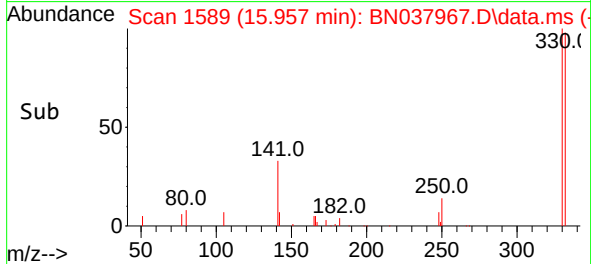


#14
2,4,6-Tribromophenol
Concen: 0.370 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN037967.D
Acq: 01 Oct 2025 04:48

Instrument :
BNA_N
ClientSampleId :
TT161S1-20250923

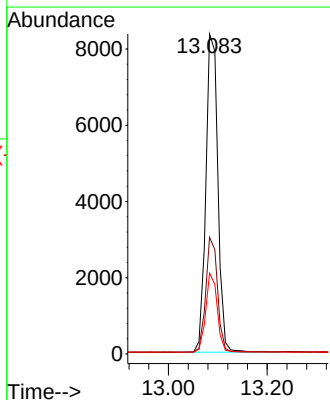
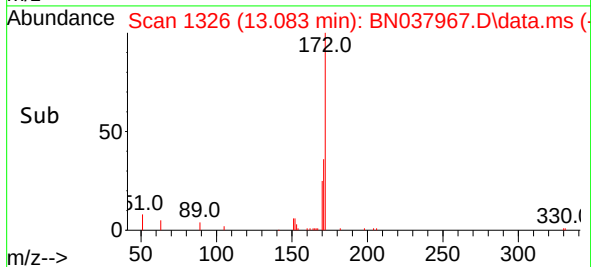
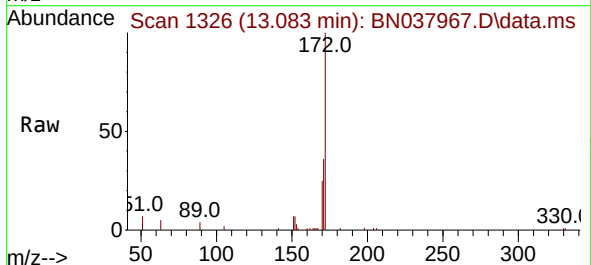


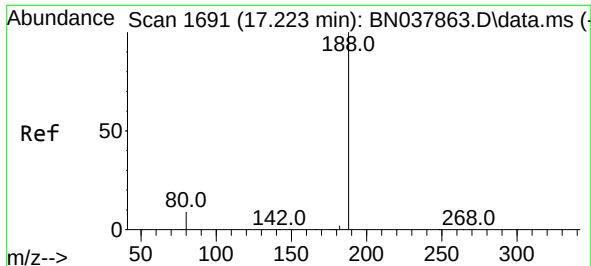
Tgt Ion:330 Resp: 1513
Ion Ratio Lower Upper
330 100
332 97.7 77.2 115.8
141 43.6 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.319 ng
RT: 13.083 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BN037967.D
Acq: 01 Oct 2025 04:48

Tgt Ion:172 Resp: 14113
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 25.2 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: BN037967.D

Acq: 01 Oct 2025 04:48

Instrument :

BNA_N

ClientSampleId :

TT161S1-20250923

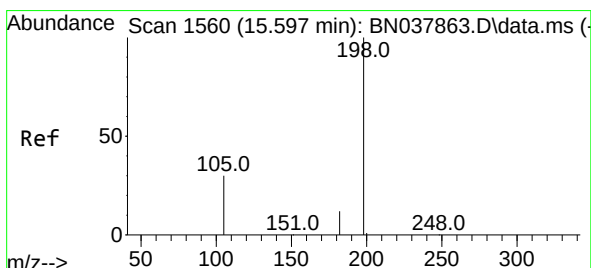
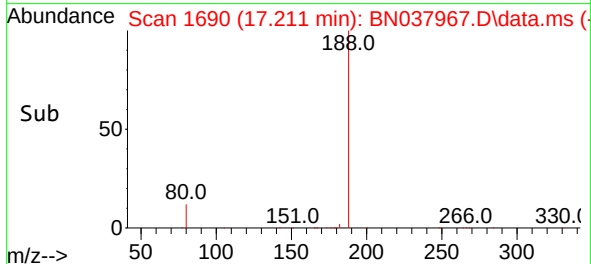
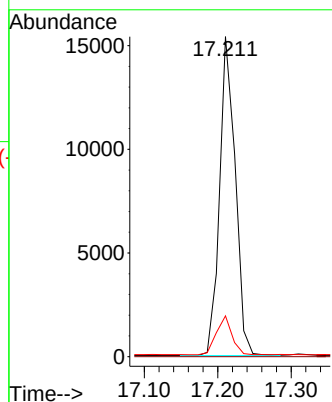
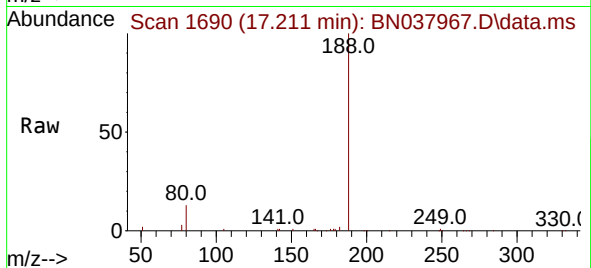
Tgt Ion:188 Resp: 22824

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.8 7.6 11.4#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.072 ng

RT: 15.560 min Scan# 1557

Delta R.T. -0.037 min

Lab File: BN037967.D

Acq: 01 Oct 2025 04:48

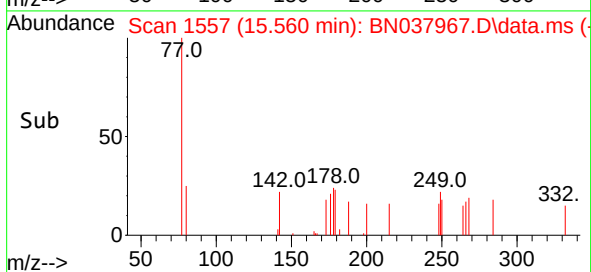
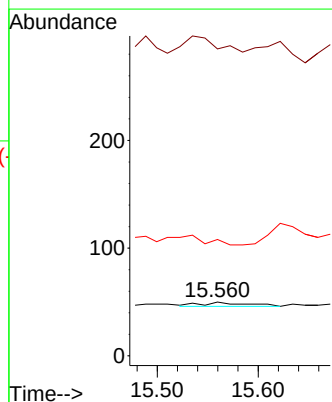
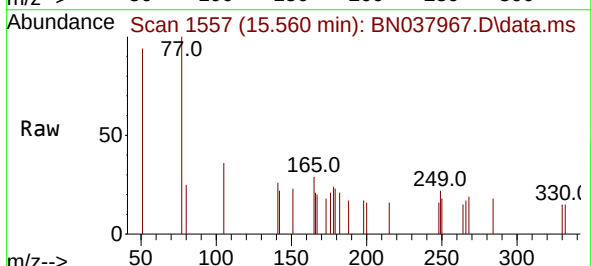
Tgt Ion:198 Resp: 12

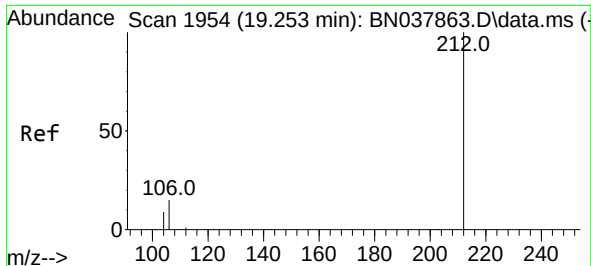
Ion Ratio Lower Upper

198 100

51 570.0 59.1 88.7#

105 216.0 41.3 61.9#

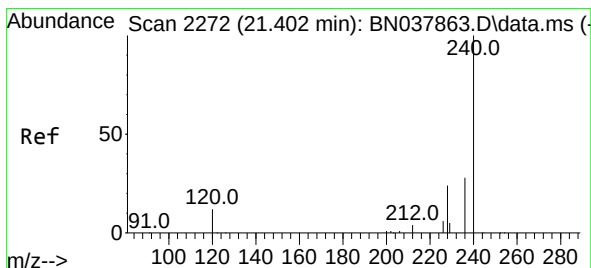
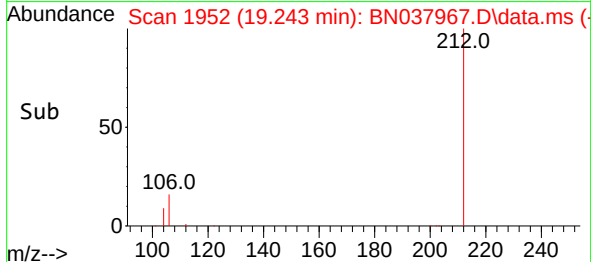
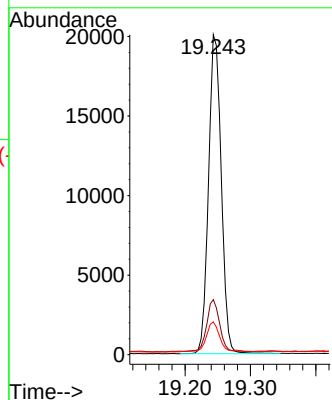
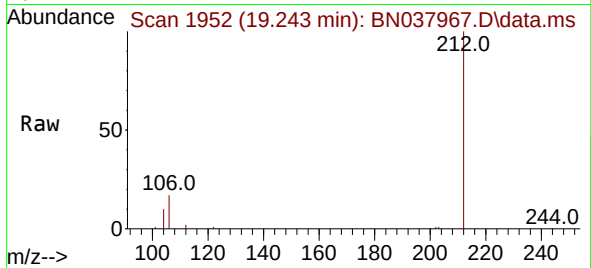




#27
Fluoranthene-d10
Concen: 0.472 ng
RT: 19.243 min Scan# 1952
Delta R.T. -0.009 min
Lab File: BN037967.D
Acq: 01 Oct 2025 04:48

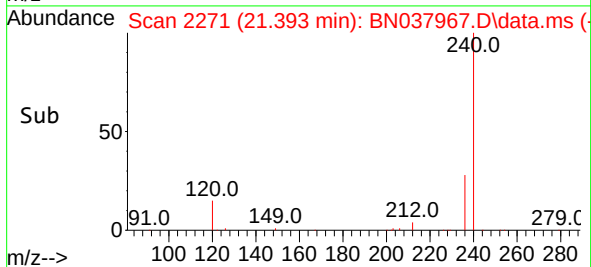
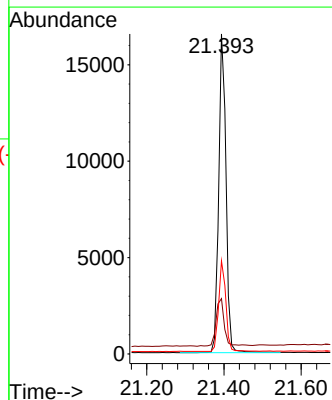
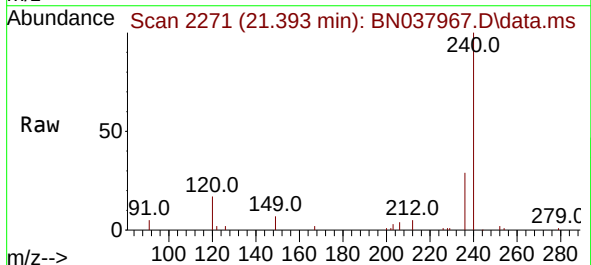
Instrument :
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TT161S1-20250923

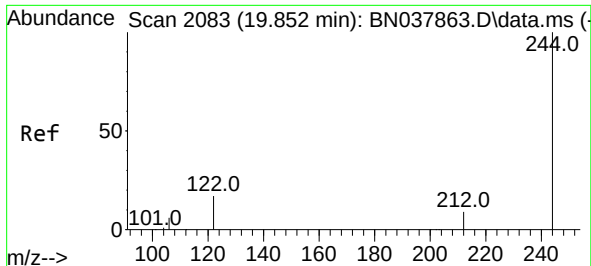
Tgt Ion:212 Resp: 27087
Ion Ratio Lower Upper
212 100
106 17.0 12.6 19.0
104 9.6 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN037967.D
Acq: 01 Oct 2025 04:48

Tgt Ion:240 Resp: 21668
Ion Ratio Lower Upper
240 100
120 17.3 11.4 17.2#
236 29.1 23.0 34.6

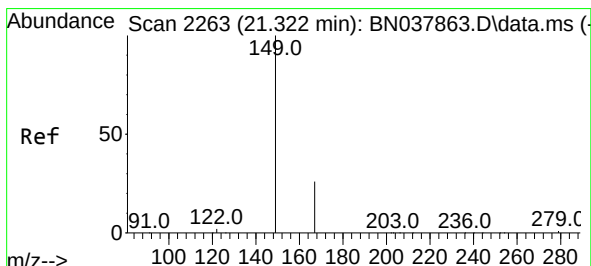
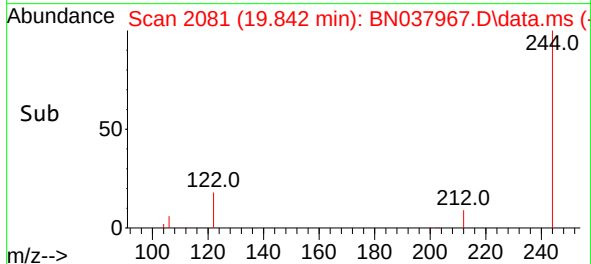
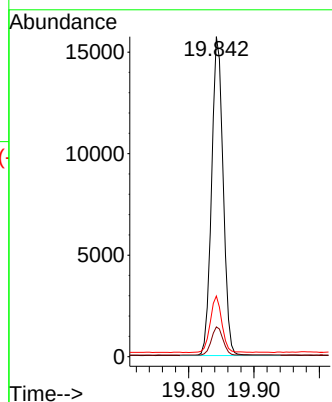
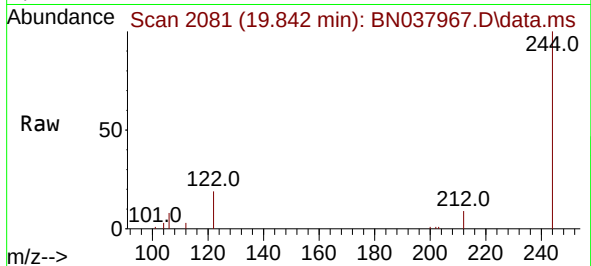




#31
Terphenyl-d14
Concen: 0.446 ng
RT: 19.842 min Scan# 2081
Delta R.T. -0.009 min
Lab File: BN037967.D
Acq: 01 Oct 2025 04:48

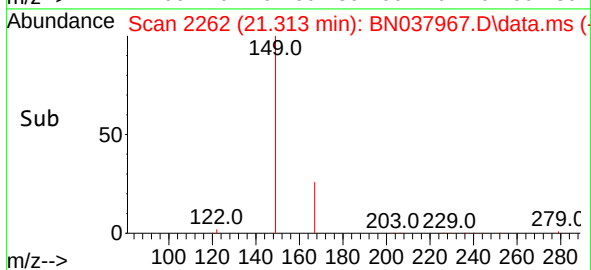
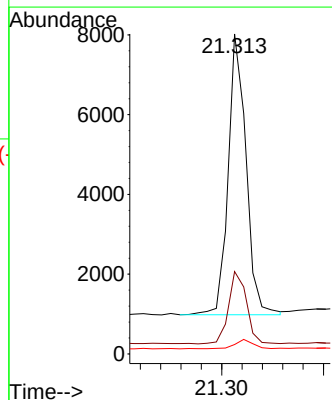
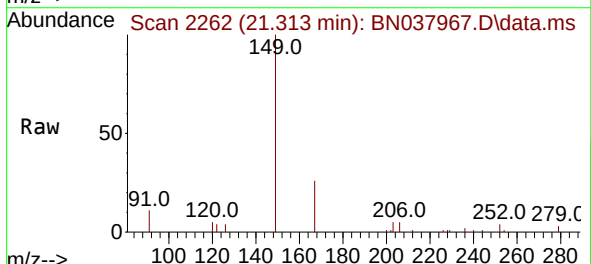
Instrument :
BNA_N
ClientSampleId :
TT161S1-20250923

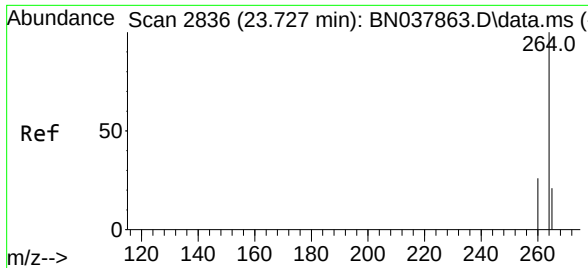
Tgt Ion:244 Resp: 19246
Ion Ratio Lower Upper
244 100
212 9.3 7.6 11.4
122 18.9 13.9 20.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.286 ng
RT: 21.313 min Scan# 2262
Delta R.T. -0.009 min
Lab File: BN037967.D
Acq: 01 Oct 2025 04:48

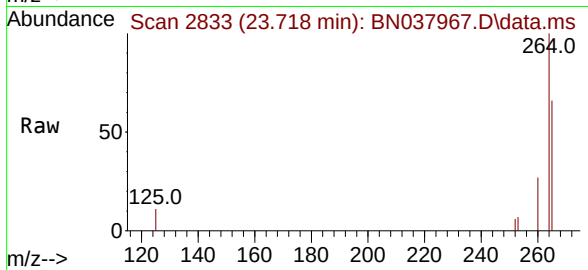
Tgt Ion:149 Resp: 8567
Ion Ratio Lower Upper
149 100
167 26.1 20.4 30.6
279 3.8 2.4 3.6#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.718 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN037967.D
 Acq: 01 Oct 2025 04:48

Instrument :
 BNA_N
 ClientSampleId :
 TT161S1-20250923



Tgt Ion:264 Resp: 17961

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.5	32.3
265	66.4	53.8	80.6

