

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
 Data File : BN038036.D
 Acq On : 07 Oct 2025 07:58
 Operator : RC/JU
 Sample : Q3235-03
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 07 08:26:33 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)

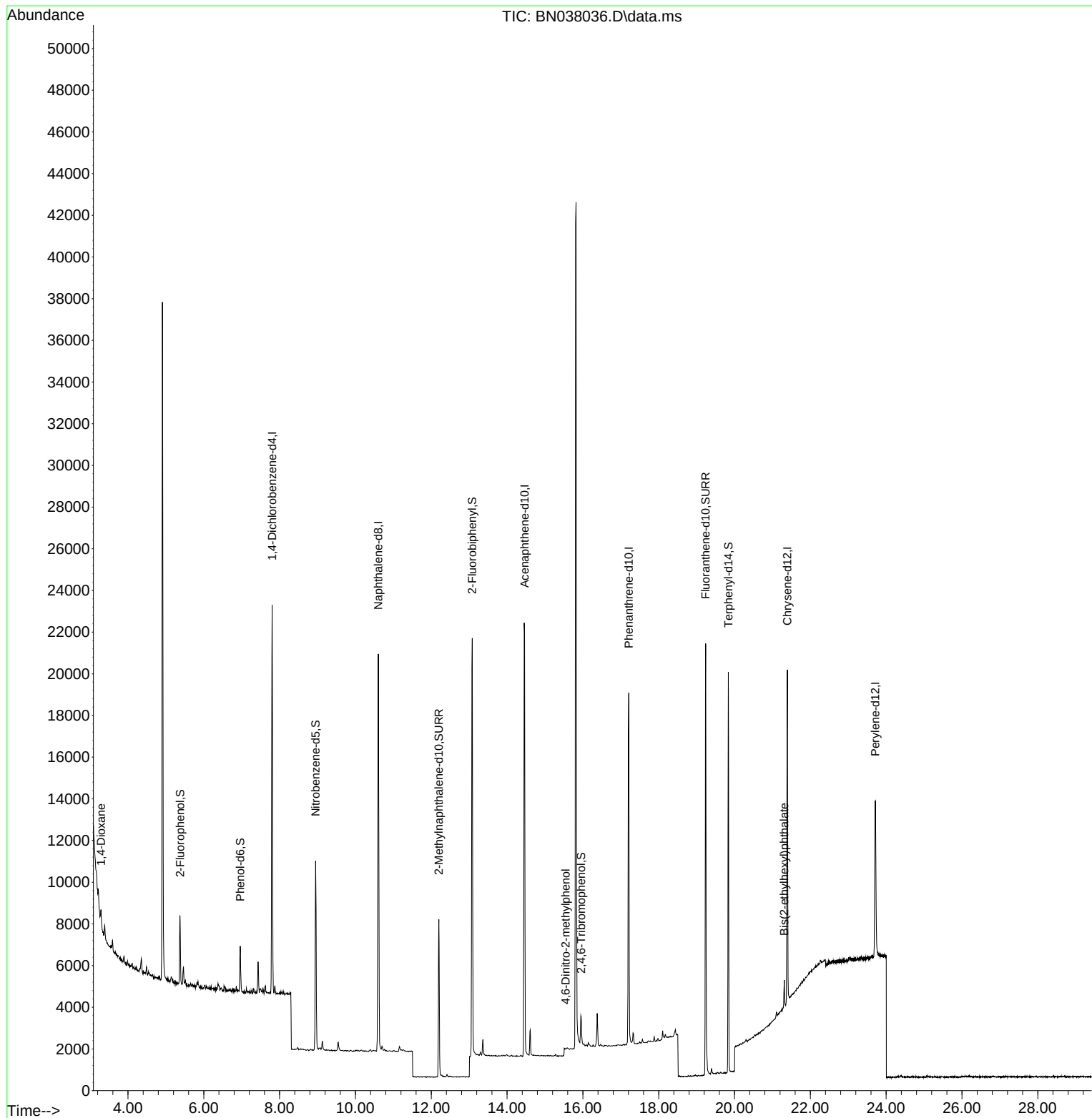
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	9005	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	25127	0.400	ng	-0.02
13) Acenaphthene-d10	14.462	164	12851	0.400	ng	-0.01
19) Phenanthrene-d10	17.211	188	25186	0.400	ng	-0.01
29) Chrysene-d12	21.393	240	14411	0.400	ng	0.00
35) Perylene-d12	23.712	264	11244	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	2623	0.128	ng	0.00
5) Phenol-d6	6.959	99	1962	0.073	ng	-0.01
8) Nitrobenzene-d5	8.950	82	7082	0.370	ng	-0.02
11) 2-Methylnaphthalene-d10	12.202	152	10446	0.299	ng	-0.02
14) 2,4,6-Tribromophenol	15.957	330	913	0.187	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	19093	0.363	ng	-0.01
27) Fluoranthene-d10	19.239	212	22021	0.348	ng	-0.01
31) Terphenyl-d14	19.838	244	17681	0.616	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	510	0.056	ng	# 71
20) 4,6-Dinitro-2-methylph...	15.547	198	4	0.069	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.313	149	1550	0.078	ng	# 93

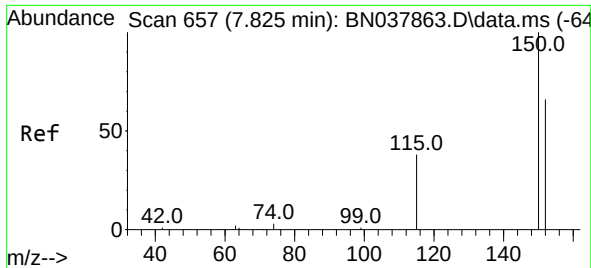
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
Data File : BN038036.D
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Operator : RC/JU
Sample : Q3235-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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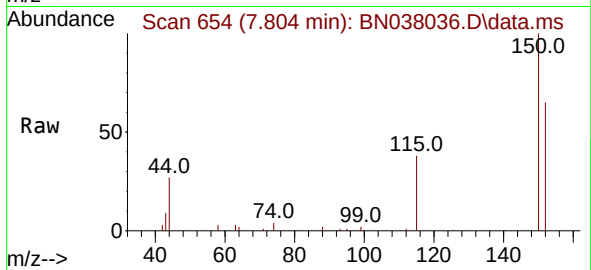
Quant Time: Oct 07 08:26:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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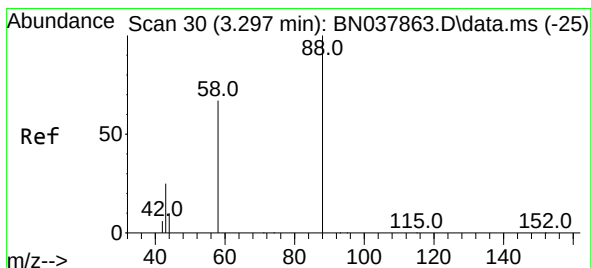
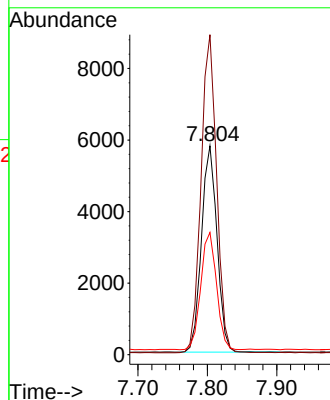
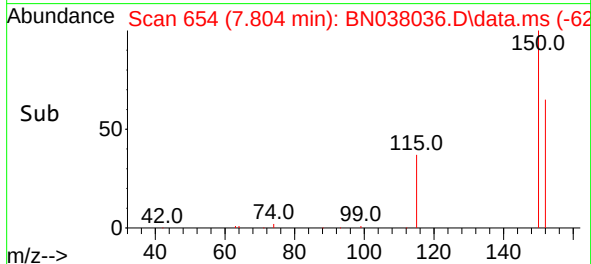


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.804 min Scan# 61
 Delta R.T. -0.021 min
 Lab File: BN038036.D
 Acq: 07 Oct 2025 07:58

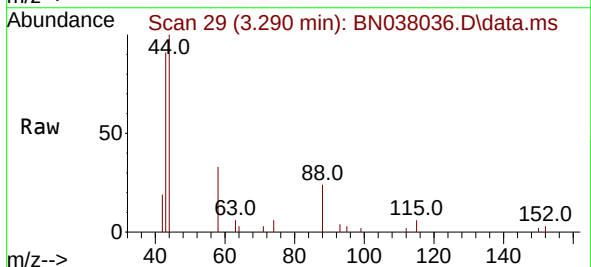
Instrument :
 BNA_P
 ClientSampleId :



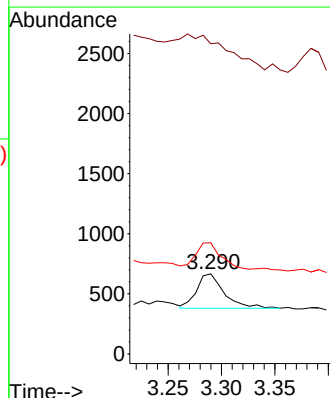
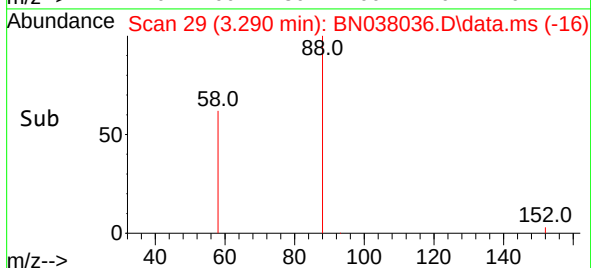
Tgt Ion:152 Resp: 9005
 Ion Ratio Lower Upper
 152 100
 150 153.3 121.0 181.4
 115 58.6 47.4 71.0

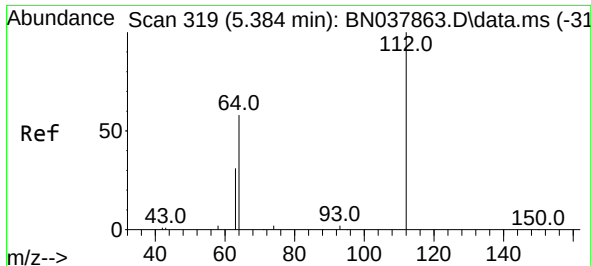


#2
 1,4-Dioxane
 Concen: 0.056 ng
 RT: 3.290 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN038036.D
 Acq: 07 Oct 2025 07:58



Tgt Ion: 88 Resp: 510
 Ion Ratio Lower Upper
 88 100
 43 0.0 26.6 39.8#
 58 86.3 58.9 88.3





#4

2-Fluorophenol

Concen: 0.128 ng

RT: 5.377 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN038036.D

Acq: 07 Oct 2025 07:58

Instrument :

BNA_P

ClientSampleId :

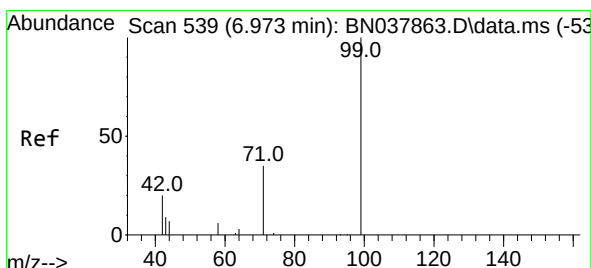
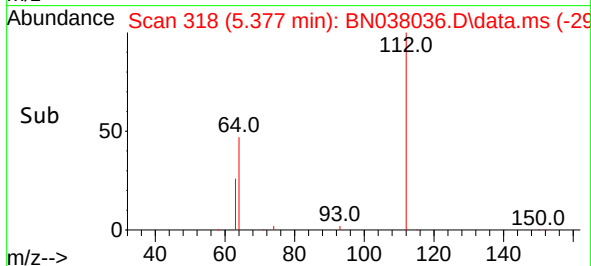
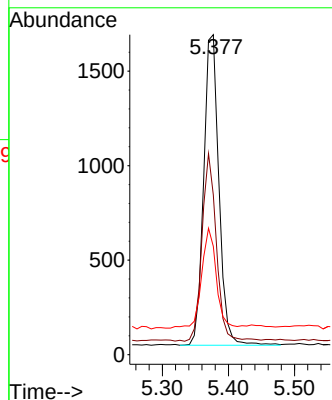
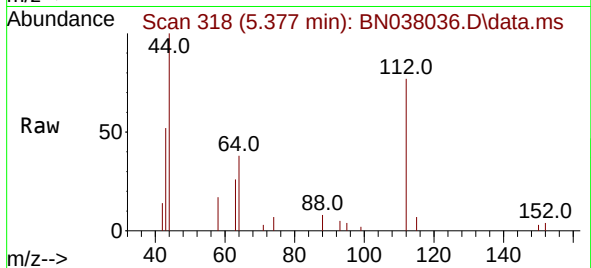
Tgt Ion:112 Resp: 2623

Ion Ratio Lower Upper

112 100

64 57.0 44.6 66.8

63 30.8 24.9 37.3



#5

Phenol-d6

Concen: 0.073 ng

RT: 6.959 min Scan# 537

Delta R.T. -0.015 min

Lab File: BN038036.D

Acq: 07 Oct 2025 07:58

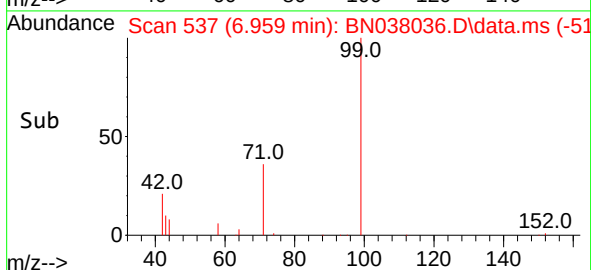
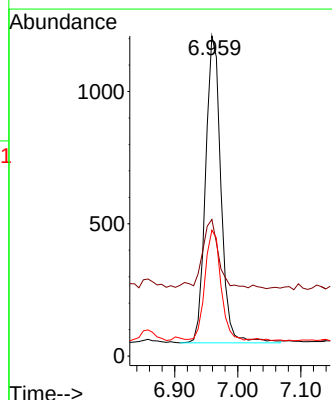
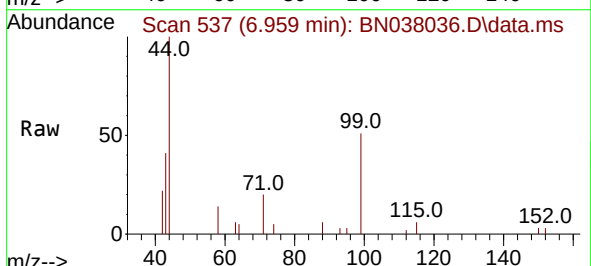
Tgt Ion: 99 Resp: 1962

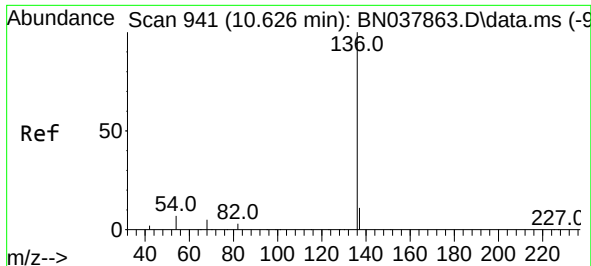
Ion Ratio Lower Upper

99 100

42 23.6 17.2 25.8

71 36.3 27.3 40.9

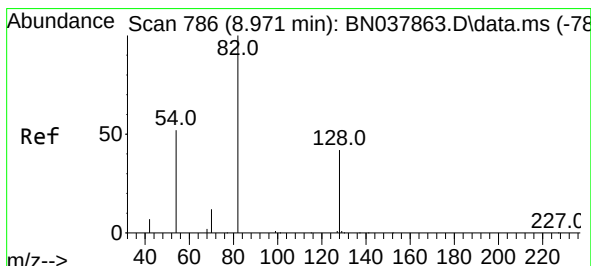
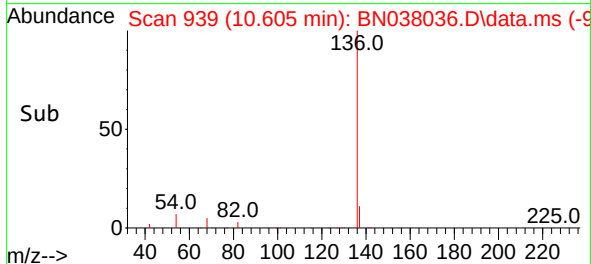
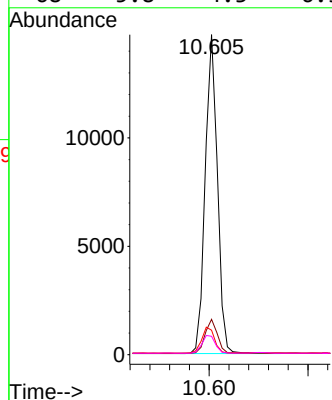
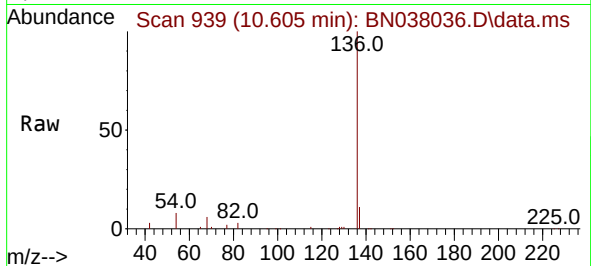




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN038036.D
Acq: 07 Oct 2025 07:58

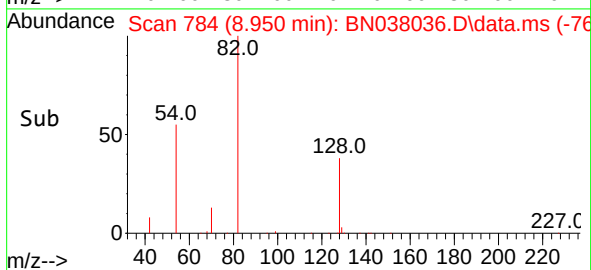
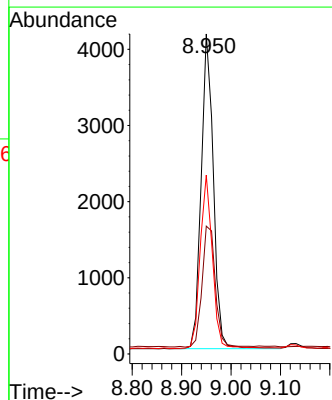
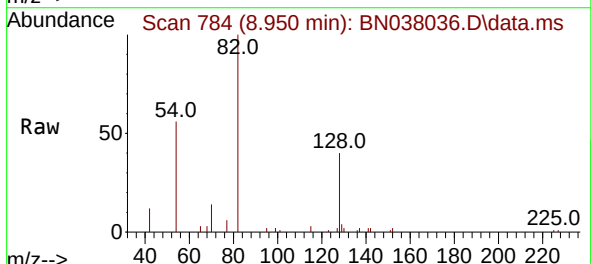
Instrument :
BNA_P
ClientSampleId :

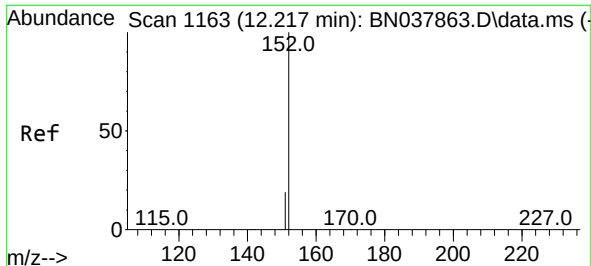
Tgt Ion:136	Resp:	25127
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.4
54	7.6	5.8 8.8
68	5.8	4.3 6.5



#8
Nitrobenzene-d5
Concen: 0.370 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.021 min
Lab File: BN038036.D
Acq: 07 Oct 2025 07:58

Tgt Ion: 82	Resp:	7082
Ion Ratio	Lower	Upper
82	100	
128	39.9	34.8 52.2
54	55.9	42.2 63.2

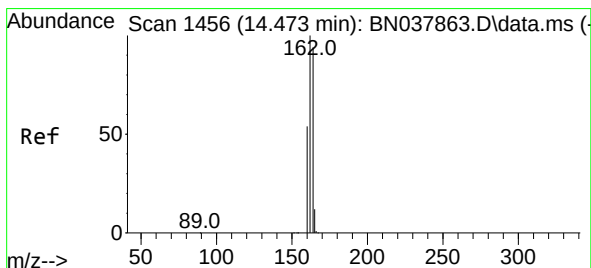
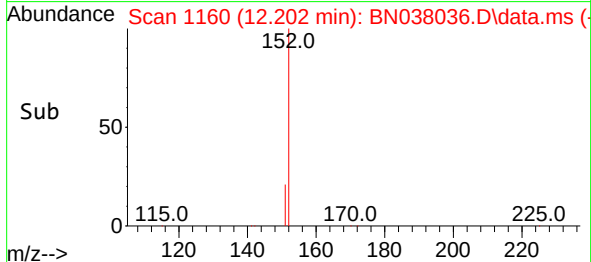
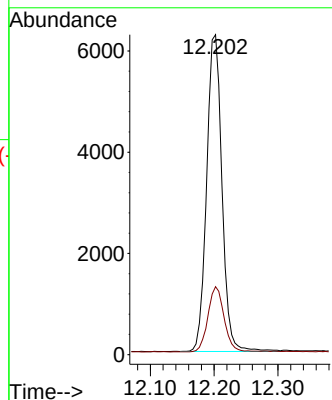
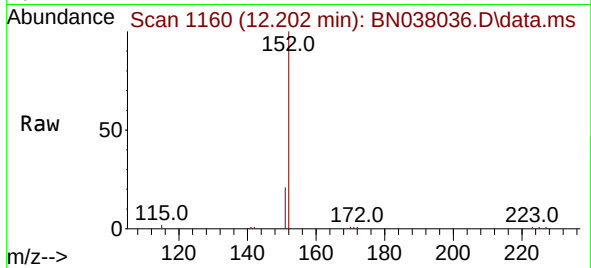




#11
2-Methylnaphthalene-d10
Concen: 0.299 ng
RT: 12.202 min Scan# 1160
Delta R.T. -0.015 min
Lab File: BN038036.D
Acq: 07 Oct 2025 07:58

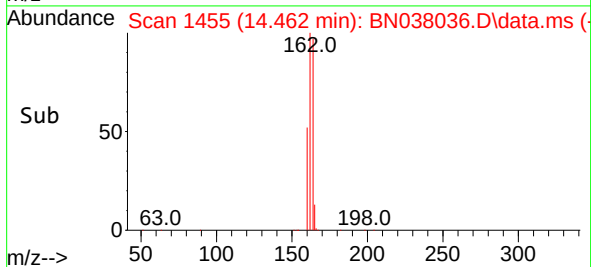
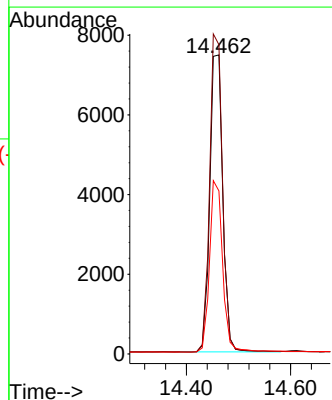
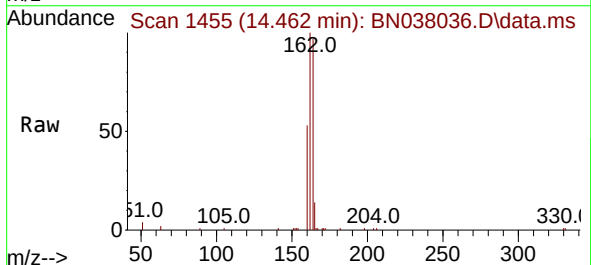
Instrument :
BNA_P
ClientSampleId :

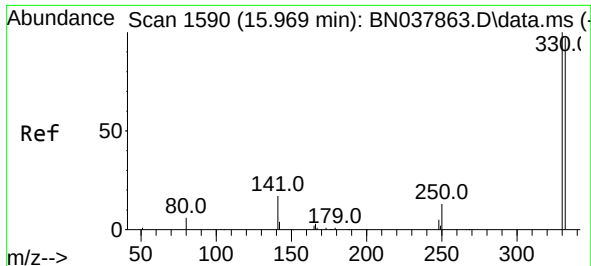
Tgt Ion:152 Resp: 10446
Ion Ratio Lower Upper
152 100
151 21.9 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.462 min Scan# 1455
Delta R.T. -0.011 min
Lab File: BN038036.D
Acq: 07 Oct 2025 07:58

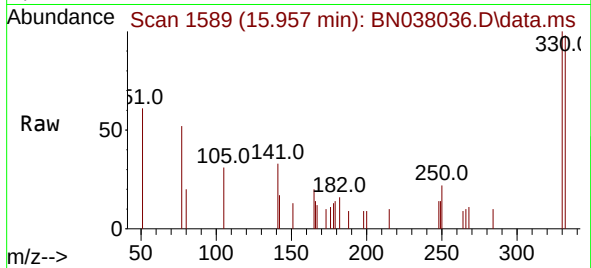
Tgt Ion:164 Resp: 12851
Ion Ratio Lower Upper
164 100
162 103.4 84.8 127.2
160 54.5 46.1 69.1



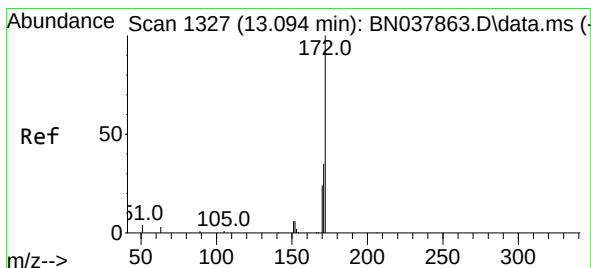
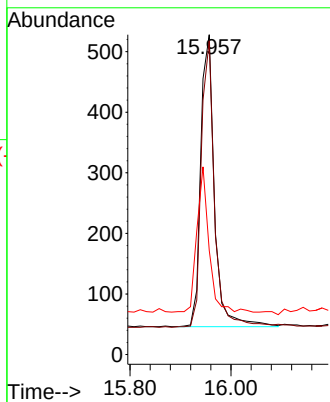
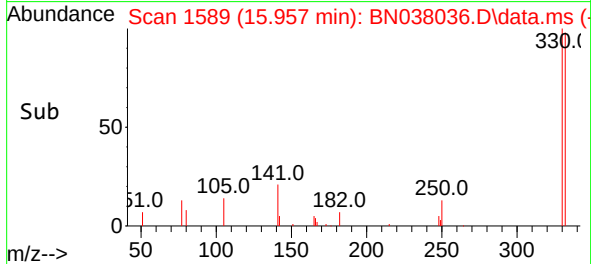


#14
 2,4,6-Tribromophenol
 Concen: 0.187 ng
 RT: 15.957 min Scan# 1589
 Delta R.T. -0.012 min
 Lab File: BN038036.D
 Acq: 07 Oct 2025 07:58

Instrument :
 BNA_P
 ClientSampleId :

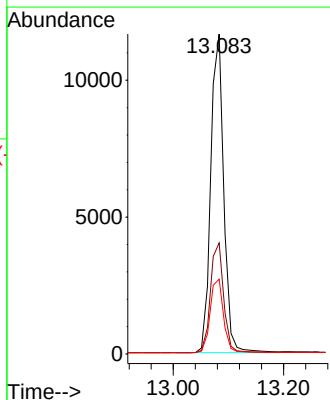
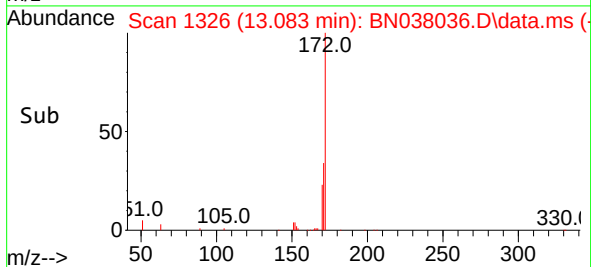
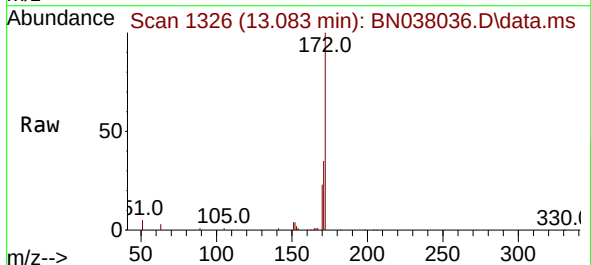


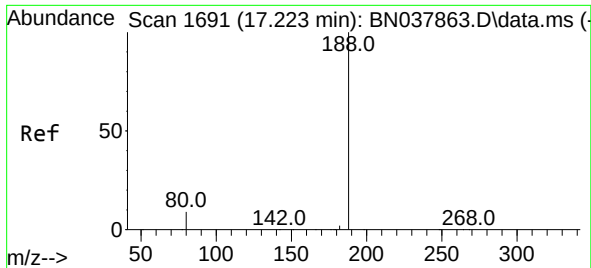
Tgt Ion:330 Resp: 913
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.2 115.8
 141 49.1 37.2 55.8



#15
 2-Fluorobiphenyl
 Concen: 0.363 ng
 RT: 13.083 min Scan# 1326
 Delta R.T. -0.011 min
 Lab File: BN038036.D
 Acq: 07 Oct 2025 07:58

Tgt Ion:172 Resp: 19093
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.6 43.0
 170 23.3 19.7 29.5

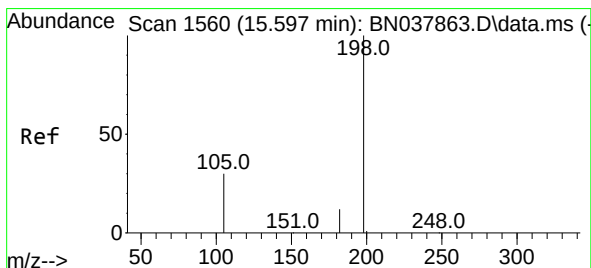
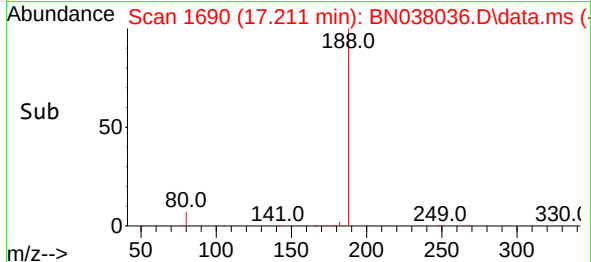
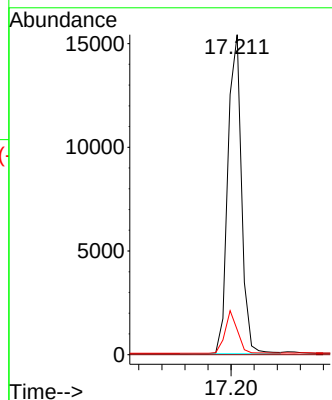
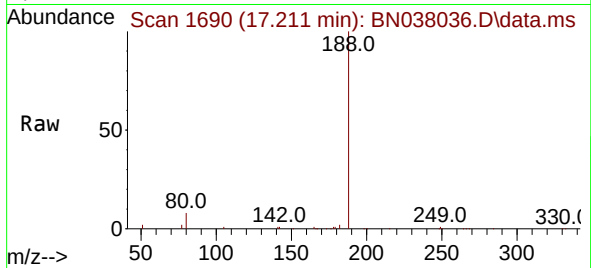




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN038036.D
Acq: 07 Oct 2025 07:58

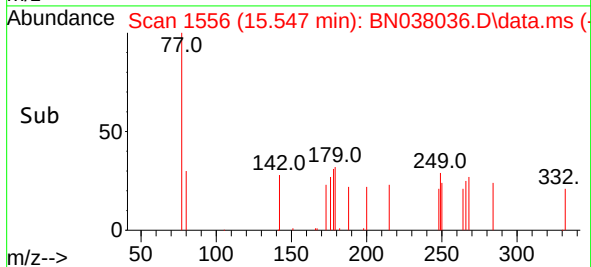
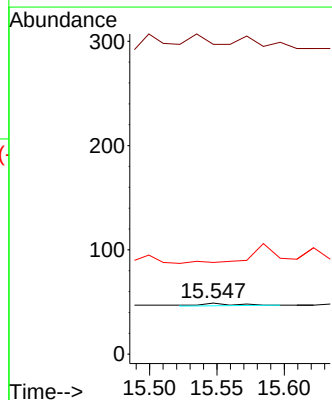
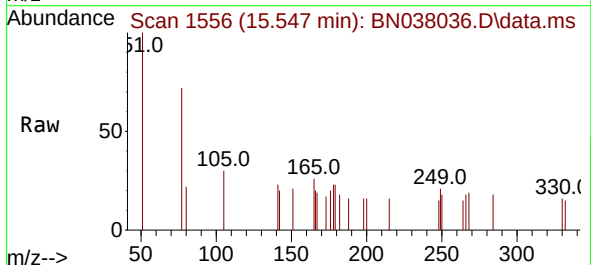
Instrument :
BNA_P
ClientSampleId :

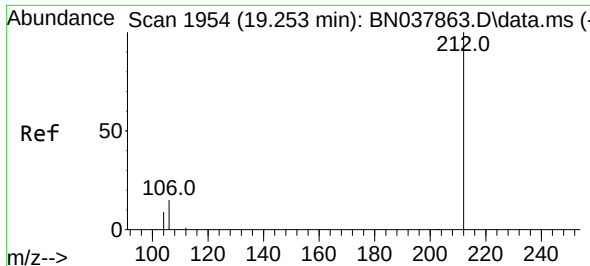
Tgt Ion:188 Resp: 25186
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.8 7.6 11.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.069 ng
RT: 15.547 min Scan# 1556
Delta R.T. -0.050 min
Lab File: BN038036.D
Acq: 07 Oct 2025 07:58

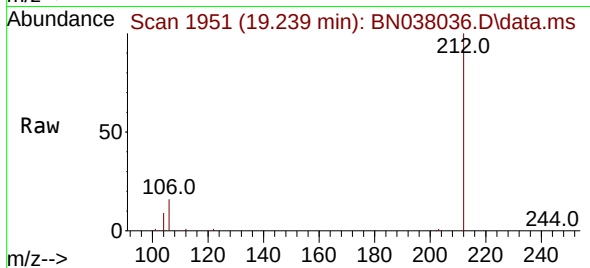
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 606.1 59.1 88.7#
105 179.6 41.3 61.9#



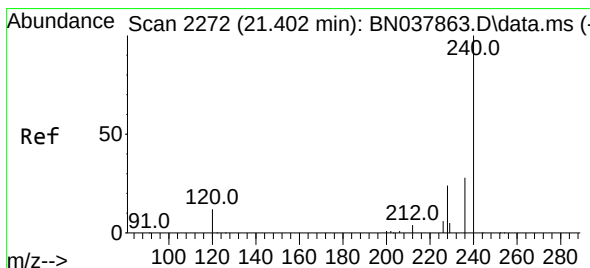
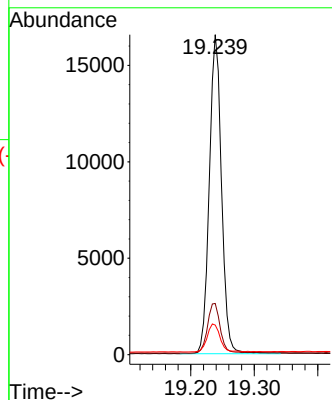


#27
Fluoranthene-d10
Concen: 0.348 ng
RT: 19.239 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038036.D
Acq: 07 Oct 2025 07:58

Instrument :
BNA_P
ClientSampleId :

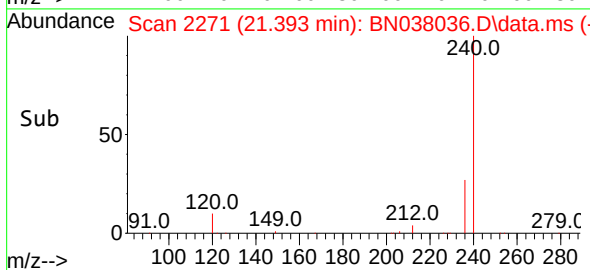
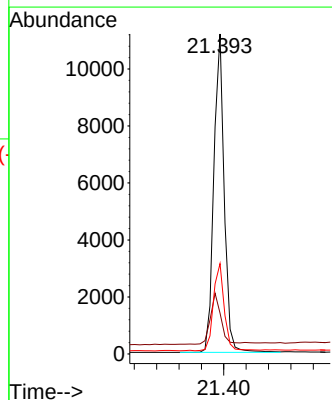
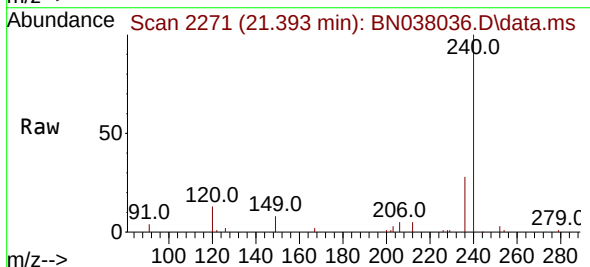


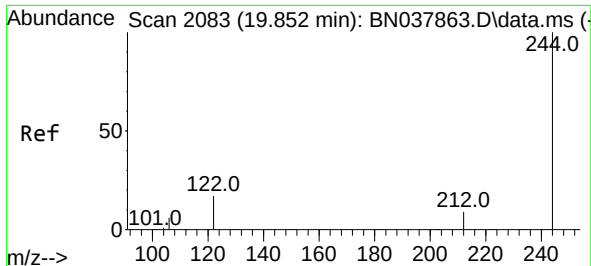
Tgt Ion:212 Resp: 22021
Ion Ratio Lower Upper
212 100
106 16.6 12.6 19.0
104 9.2 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN038036.D
Acq: 07 Oct 2025 07:58

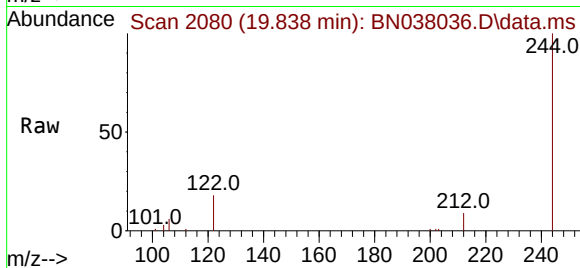
Tgt Ion:240 Resp: 14411
Ion Ratio Lower Upper
240 100
120 12.7 11.4 17.2
236 28.2 23.0 34.6



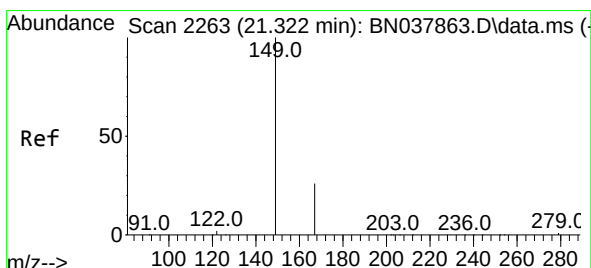
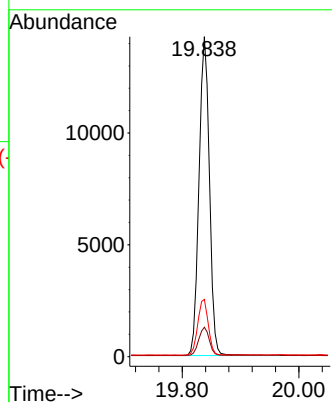


#31
 Terphenyl-d14
 Concen: 0.616 ng
 RT: 19.838 min Scan# 2083
 Delta R.T. -0.014 min
 Lab File: BN038036.D
 Acq: 07 Oct 2025 07:58

Instrument :
 BNA_P
 ClientSampleId :

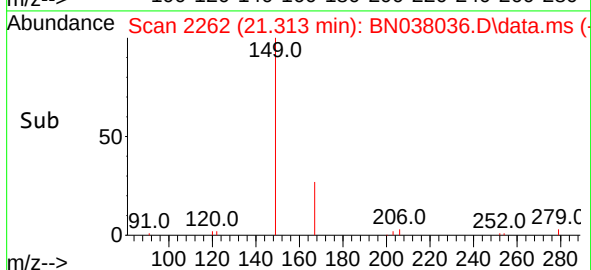
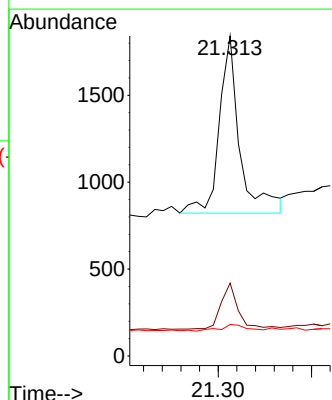
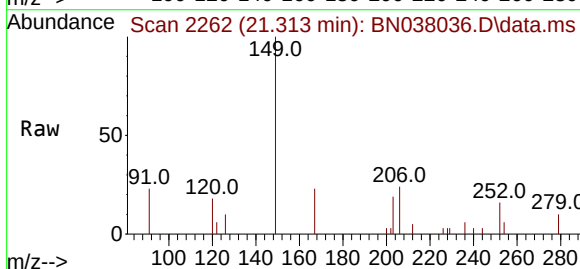


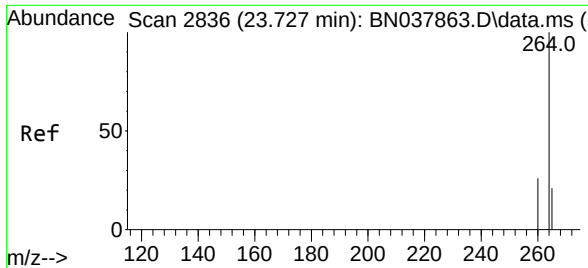
Tgt Ion:244 Resp: 17681
 Ion Ratio Lower Upper
 244 100
 212 9.2 7.6 11.4
 122 17.9 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.078 ng
 RT: 21.313 min Scan# 2262
 Delta R.T. -0.009 min
 Lab File: BN038036.D
 Acq: 07 Oct 2025 07:58

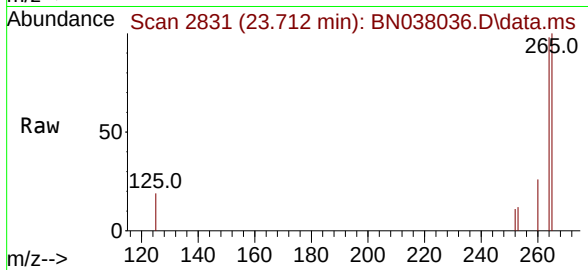
Tgt Ion:149 Resp: 1550
 Ion Ratio Lower Upper
 149 100
 167 21.9 20.4 30.6
 279 4.9 2.4 3.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.712 min Scan# 21
Delta R.T. -0.015 min
Lab File: BN038036.D
Acq: 07 Oct 2025 07:58

Instrument :
BNA_P
ClientSampleId :



Tgt Ion:264 Resp: 11244
Ion Ratio Lower Upper
264 100
260 27.0 21.5 32.3
265 102.0 53.8 80.6#

