

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
 Data File : BN037062.D
 Acq On : 20 May 2025 01:54
 Operator : RC/JU
 Sample : Q2063-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP303-20250515

Quant Time: May 20 04:20:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 14 11:26:32 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

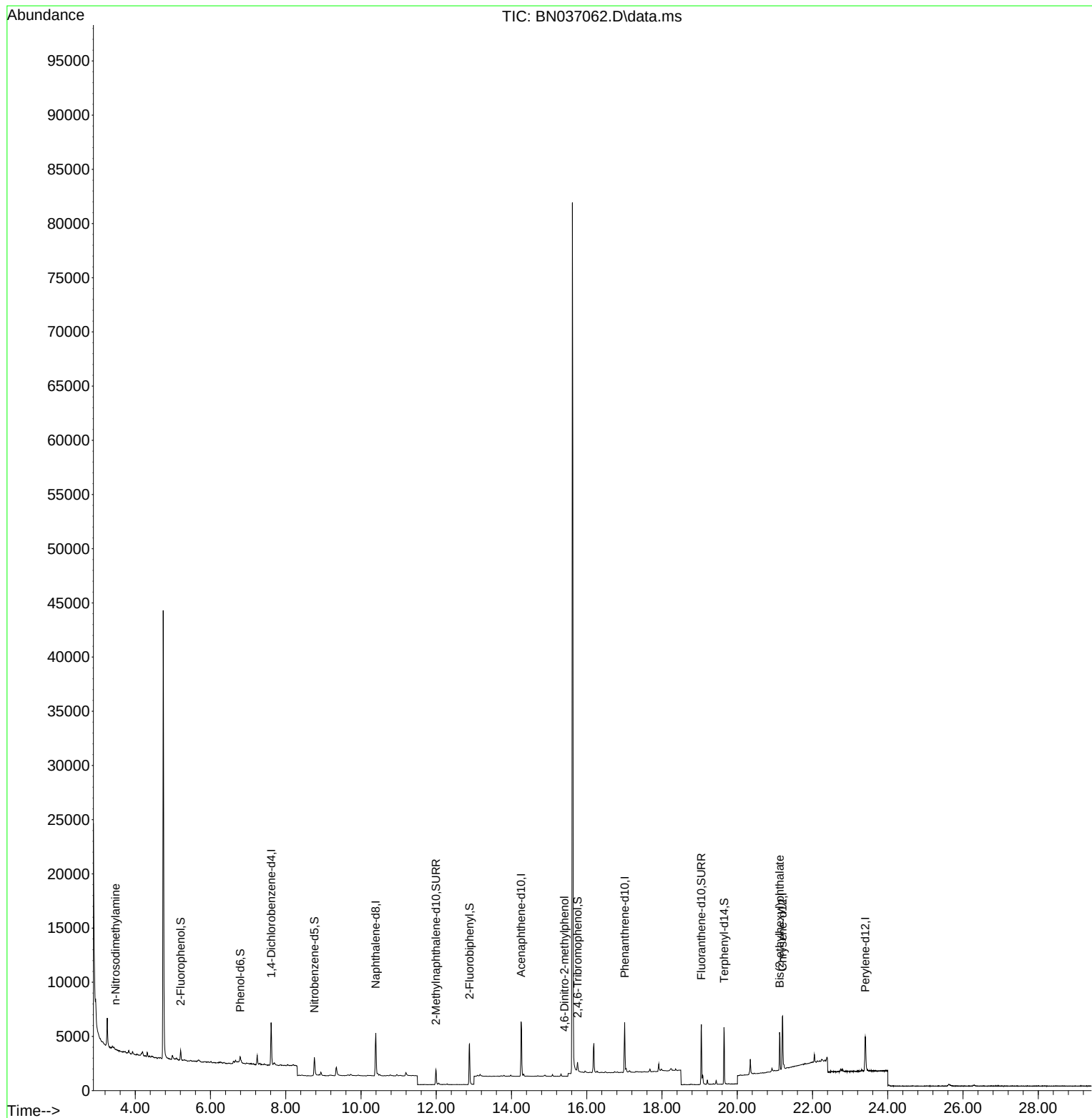
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1885	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	5104	0.400	ng	-0.01
13) Acenaphthene-d10	14.256	164	2926	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	6019	0.400	ng	# 0.00
29) Chrysene-d12	21.207	240	5040	0.400	ng	# 0.00
35) Perylene-d12	23.404	264	4381	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	623	0.126	ng	0.00
5) Phenol-d6	6.788	99	454	0.073	ng	0.00
8) Nitrobenzene-d5	8.760	82	1491	0.268	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	2027	0.282	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	440	0.342	ng	-0.01
15) 2-Fluorobiphenyl	12.883	172	3558	0.266	ng	0.00
27) Fluoranthene-d10	19.045	212	6074	0.368	ng	0.00
31) Terphenyl-d14	19.649	244	4808	0.446	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.480	42	109	0.022	ng	# 46
20) 4,6-Dinitro-2-methylph...	15.411	198	5	0.028	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.126	149	3328	0.285	ng	98

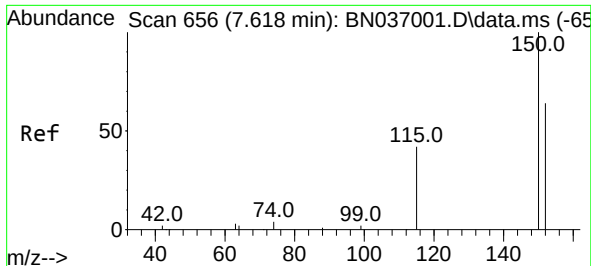
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
Data File : BN037062.D
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Operator : RC/JU
Sample : Q2063-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250515

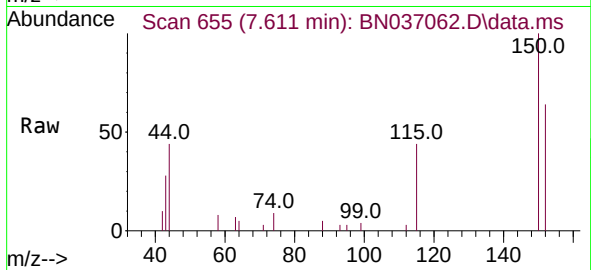
Quant Time: May 20 04:20:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration



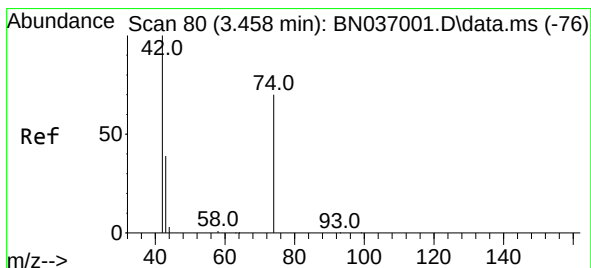
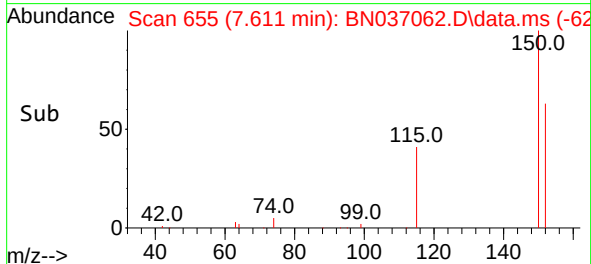
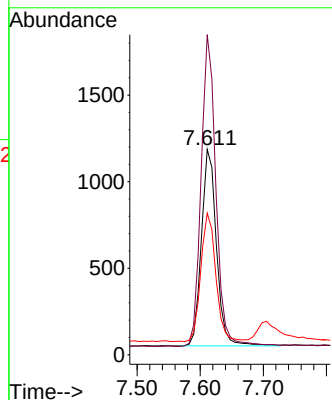


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.611 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037062.D
 Acq: 20 May 2025 01:54

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP303-20250515

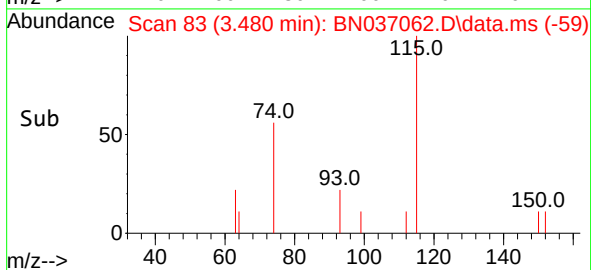
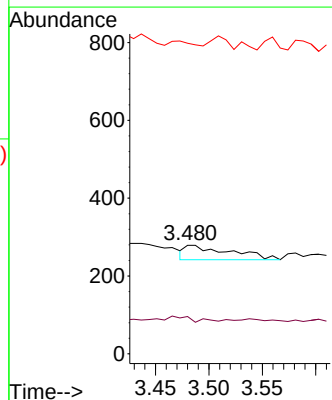
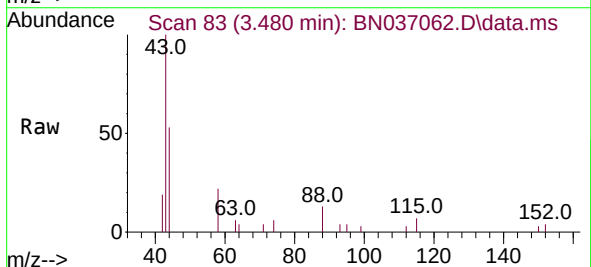


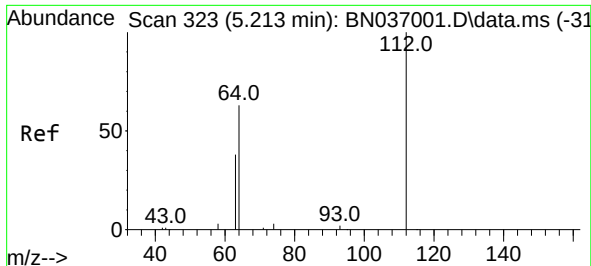
Tgt Ion:152 Resp: 1885
 Ion Ratio Lower Upper
 152 100
 150 155.9 123.9 185.9
 115 69.0 55.8 83.8



#3
 n-Nitrosodimethylamine
 Concen: 0.022 ng
 RT: 3.480 min Scan# 83
 Delta R.T. 0.022 min
 Lab File: BN037062.D
 Acq: 20 May 2025 01:54

Tgt Ion: 42 Resp: 109
 Ion Ratio Lower Upper
 42 100
 74 22.9 59.8 89.6#
 44 22.0 11.9 17.9#

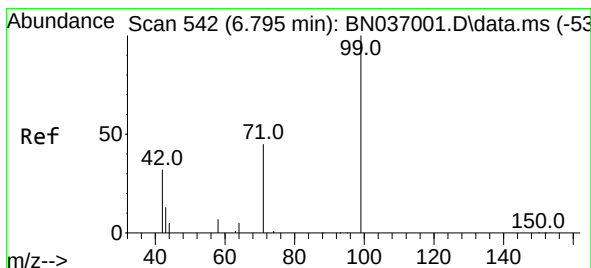
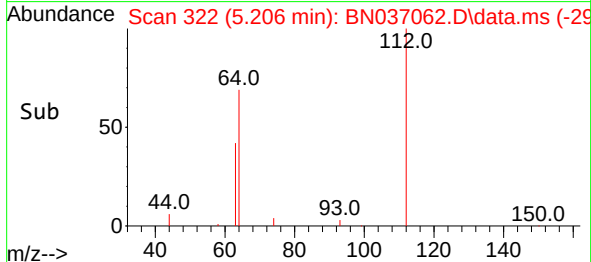
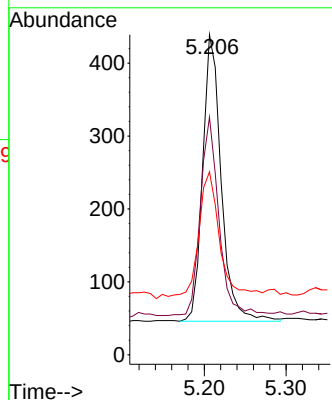
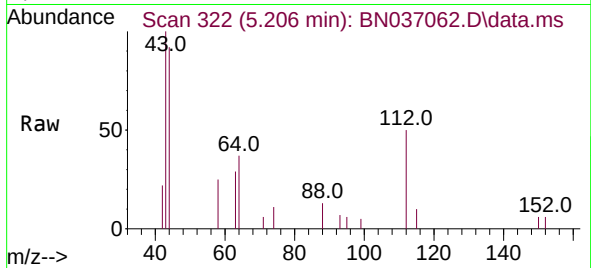




#4
2-Fluorophenol
Concen: 0.126 ng
RT: 5.206 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037062.D
Acq: 20 May 2025 01:54

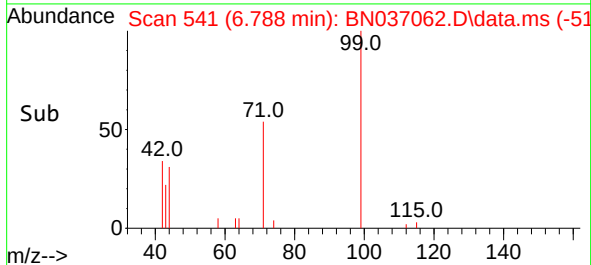
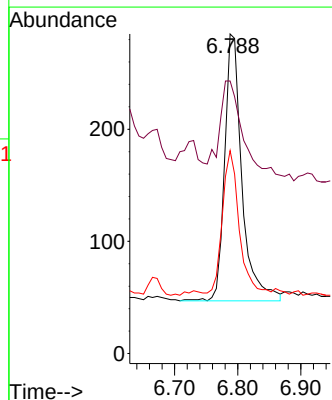
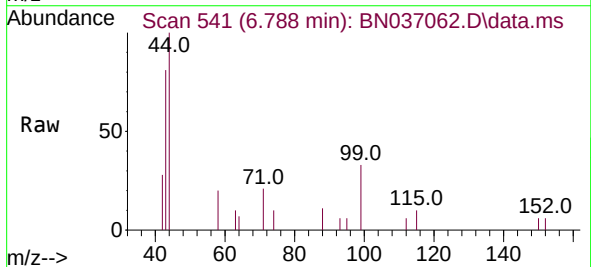
Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250515

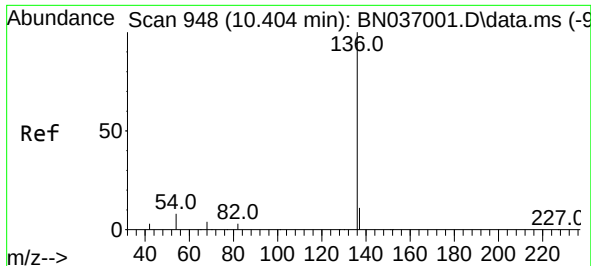
Tgt Ion:112 Resp: 623
Ion Ratio Lower Upper
112 100
64 68.9 55.7 83.5
63 51.7 34.6 51.8



#5
Phenol-d6
Concen: 0.073 ng
RT: 6.788 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN037062.D
Acq: 20 May 2025 01:54

Tgt Ion: 99 Resp: 454
Ion Ratio Lower Upper
99 100
42 54.0 29.3 43.9#
71 50.4 35.7 53.5

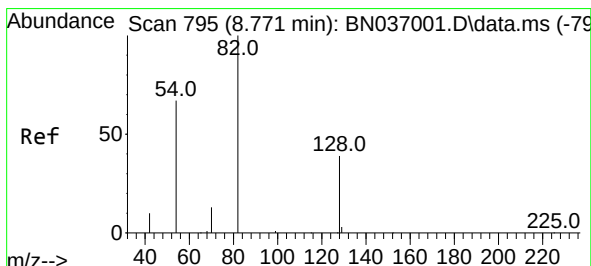
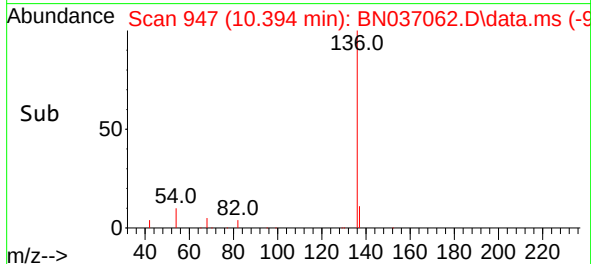
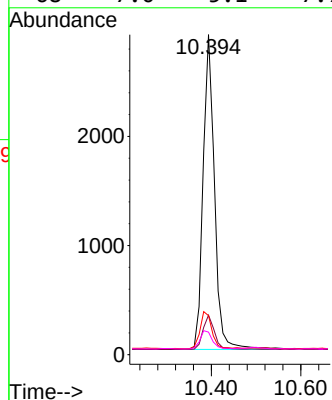
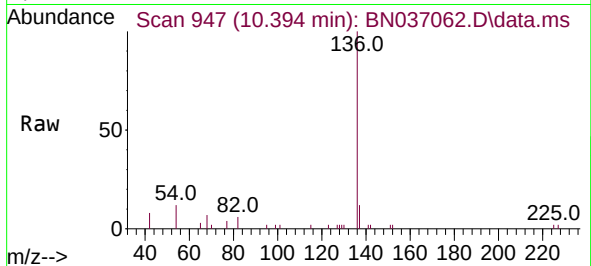




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037062.D
Acq: 20 May 2025 01:54

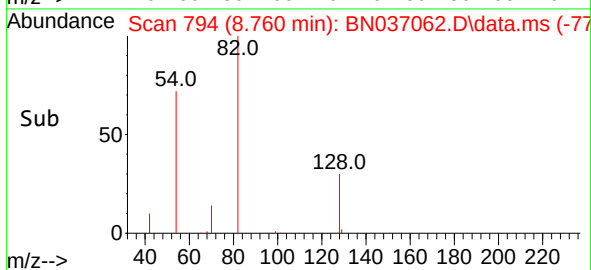
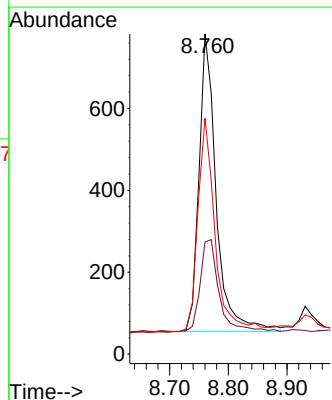
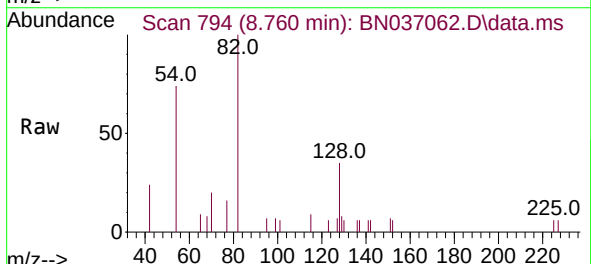
Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250515

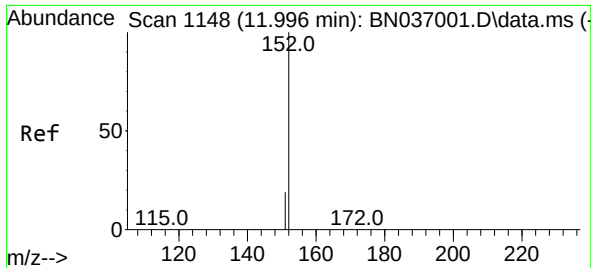
Tgt Ion:136	Resp:	5104
Ion Ratio	Lower	Upper
136	100	
137	12.3	10.4 15.6
54	12.2	8.5 12.7
68	7.0	5.1 7.7



#8
Nitrobenzene-d5
Concen: 0.268 ng
RT: 8.760 min Scan# 794
Delta R.T. -0.011 min
Lab File: BN037062.D
Acq: 20 May 2025 01:54

Tgt Ion: 82	Resp:	1491
Ion Ratio	Lower	Upper
82	100	
128	35.0	34.0 51.0
54	73.7	55.0 82.4

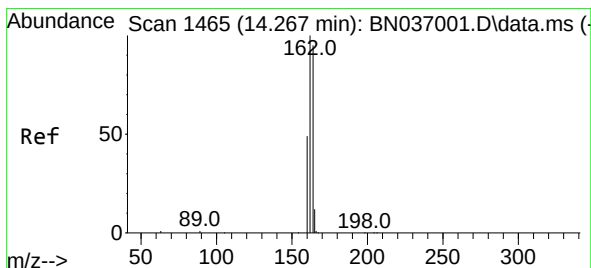
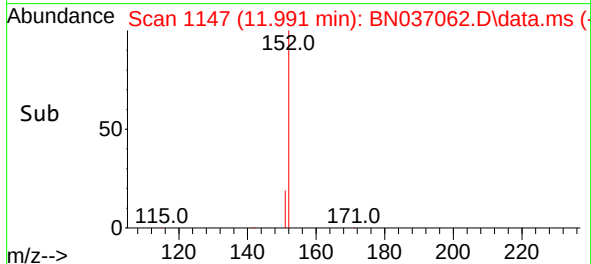
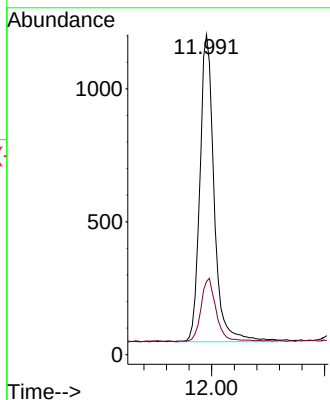
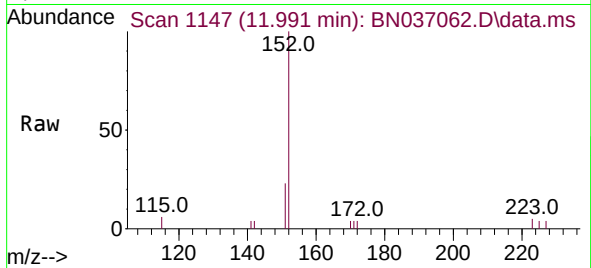




#11
2-Methylnaphthalene-d10
Concen: 0.282 ng
RT: 11.991 min Scan# 1147
Delta R.T. -0.005 min
Lab File: BN037062.D
Acq: 20 May 2025 01:54

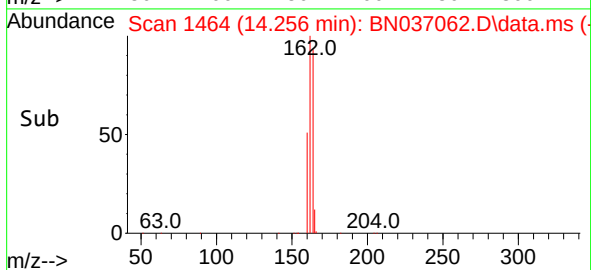
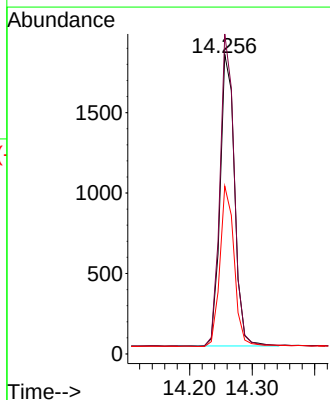
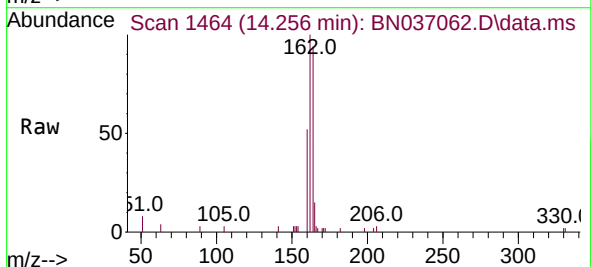
Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250515

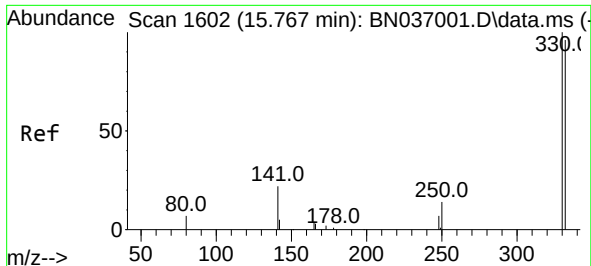
Tgt Ion:152 Resp: 2027
Ion Ratio Lower Upper
152 100
151 21.4 17.5 26.3



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN037062.D
Acq: 20 May 2025 01:54

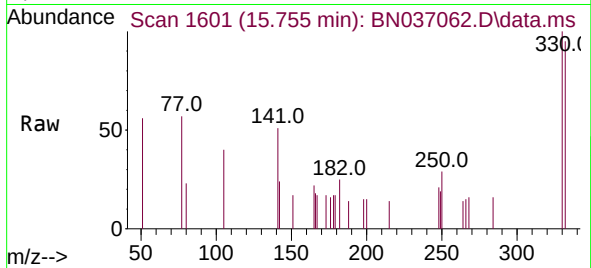
Tgt Ion:164 Resp: 2926
Ion Ratio Lower Upper
164 100
162 106.8 84.2 126.4
160 56.0 42.6 63.8



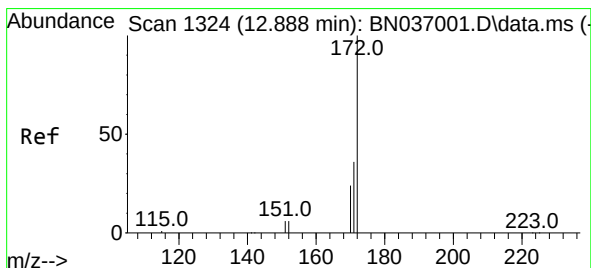
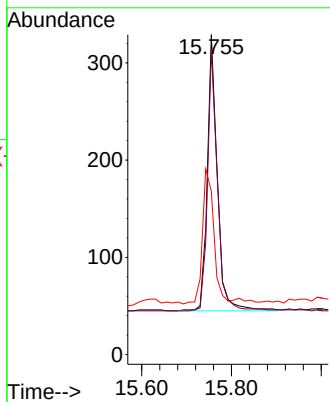
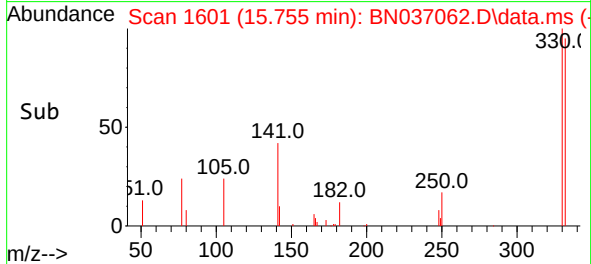


#14
2,4,6-Tribromophenol
Concen: 0.342 ng
RT: 15.755 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037062.D
Acq: 20 May 2025 01:54

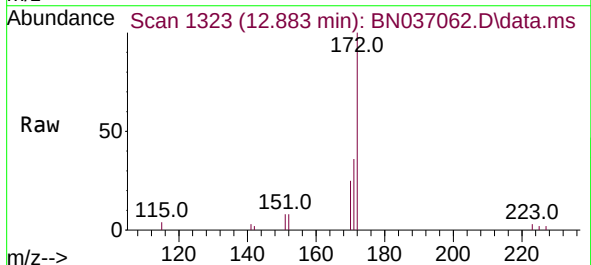
Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250515



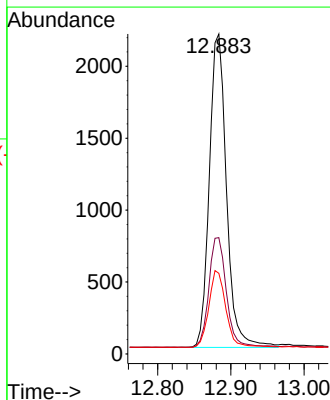
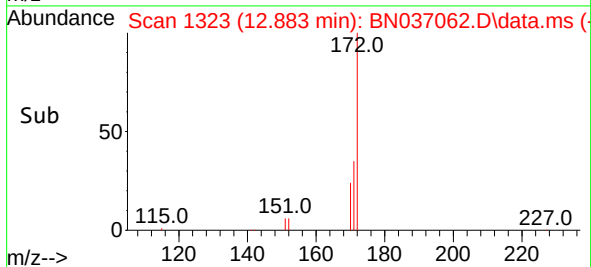
Tgt Ion:330 Resp: 440
Ion Ratio Lower Upper
330 100
332 93.0 73.8 110.8
141 55.5 43.9 65.9

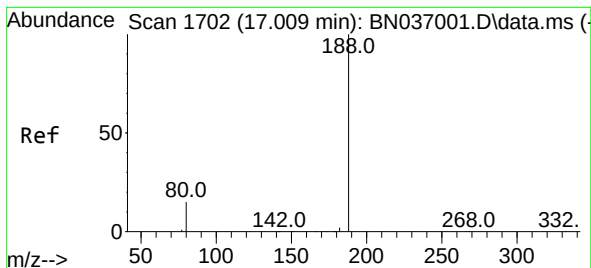


#15
2-Fluorobiphenyl
Concen: 0.266 ng
RT: 12.883 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BN037062.D
Acq: 20 May 2025 01:54



Tgt Ion:172 Resp: 3558
Ion Ratio Lower Upper
172 100
171 36.4 29.2 43.8
170 25.2 20.5 30.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.009 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN037062.D

Acq: 20 May 2025 01:54

Instrument :

BNA_N

ClientSampleId :

RW5-SP303-20250515

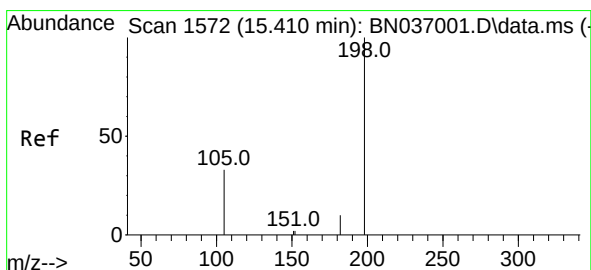
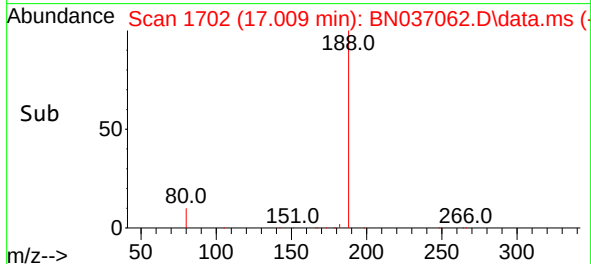
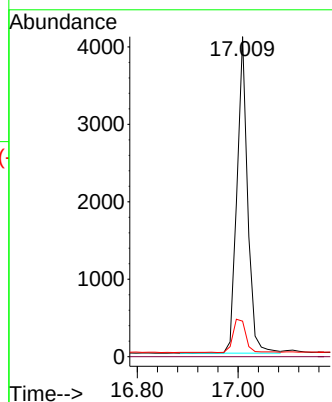
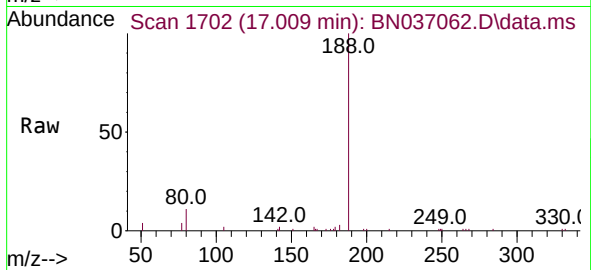
Tgt Ion:188 Resp: 6019

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.1 13.4 20.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.028 ng

RT: 15.411 min Scan# 1572

Delta R.T. 0.001 min

Lab File: BN037062.D

Acq: 20 May 2025 01:54

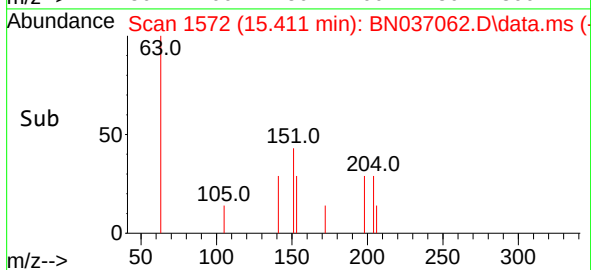
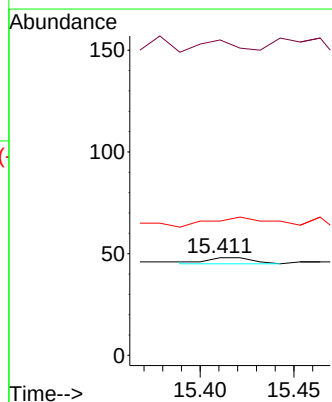
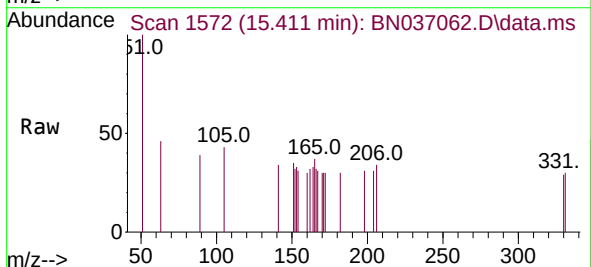
Tgt Ion:198 Resp: 5

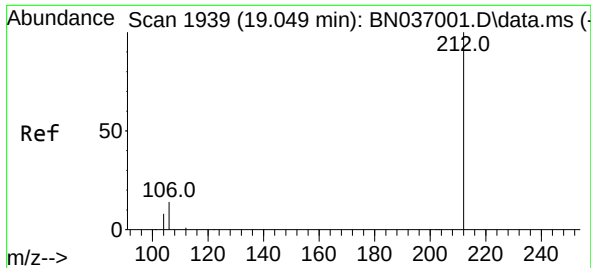
Ion Ratio Lower Upper

198 100

51 322.9 87.8 131.6#

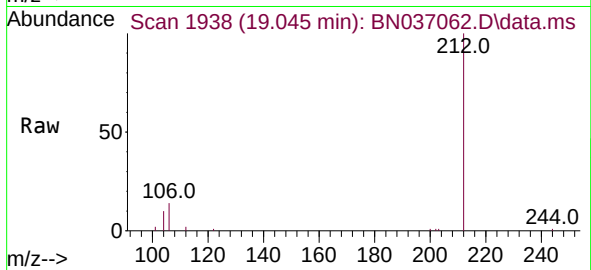
105 137.5 44.2 66.4#



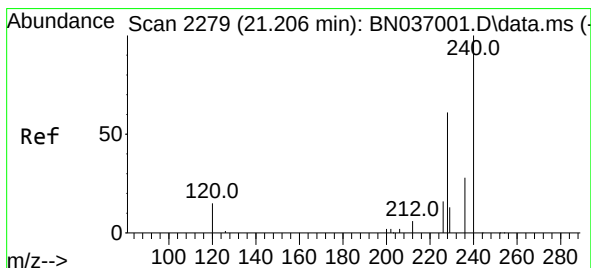
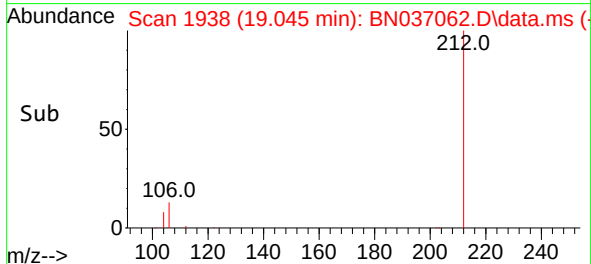
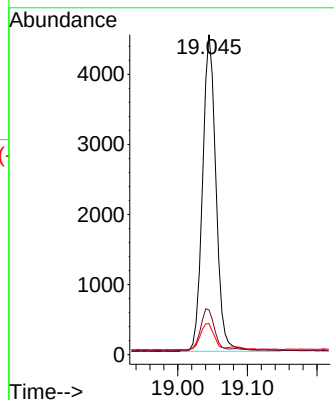


#27
Fluoranthene-d10
Concen: 0.368 ng
RT: 19.045 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BN037062.D
Acq: 20 May 2025 01:54

Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250515

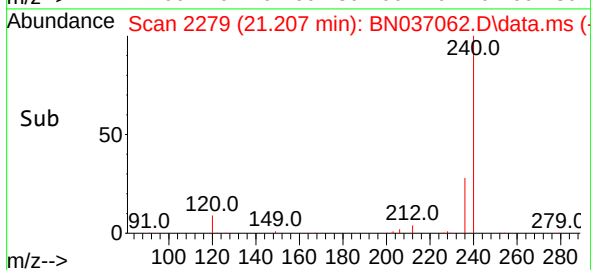
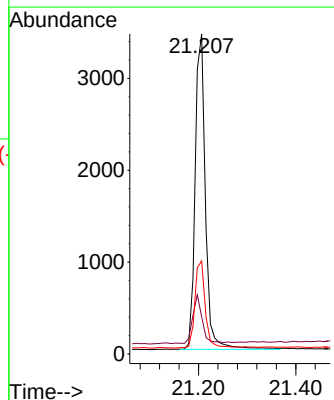
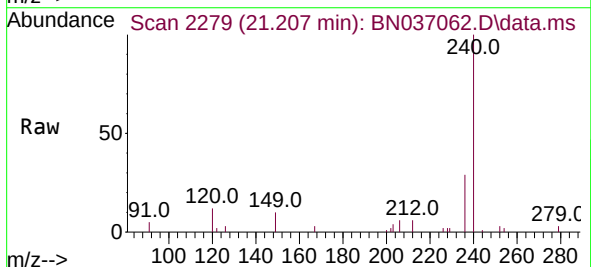


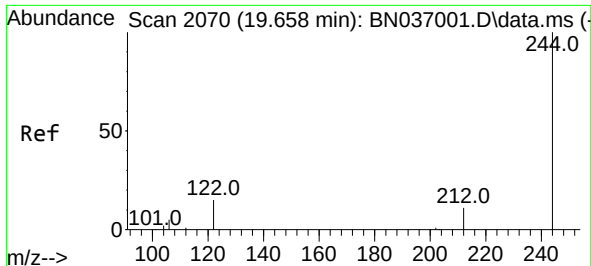
Tgt Ion:212 Resp: 6074
Ion Ratio Lower Upper
212 100
106 13.5 11.3 16.9
104 8.4 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.207 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BN037062.D
Acq: 20 May 2025 01:54

Tgt Ion:240 Resp: 5040
Ion Ratio Lower Upper
240 100
120 11.6 15.1 22.7#
236 29.1 24.0 36.0

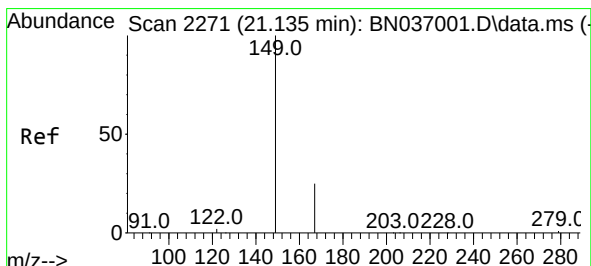
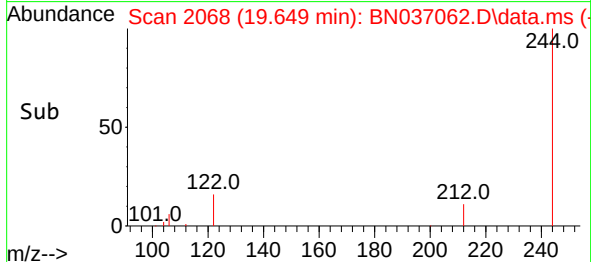
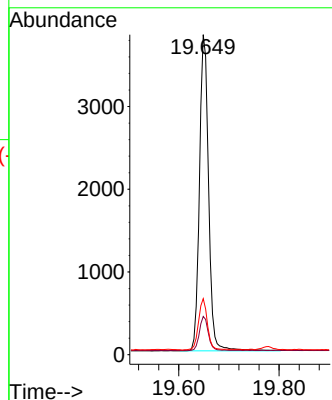
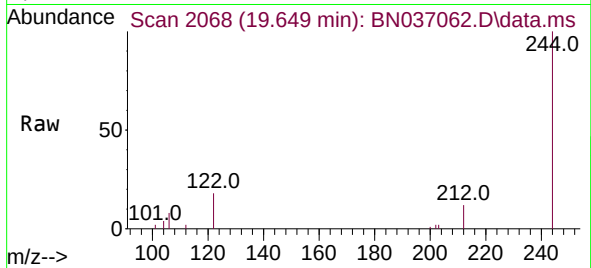




#31
 Terphenyl-d14
 Concen: 0.446 ng
 RT: 19.649 min Scan# 2070
 Delta R.T. -0.009 min
 Lab File: BN037062.D
 Acq: 20 May 2025 01:54

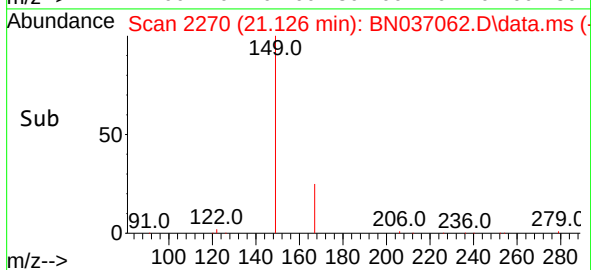
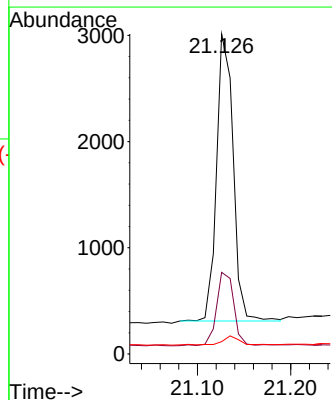
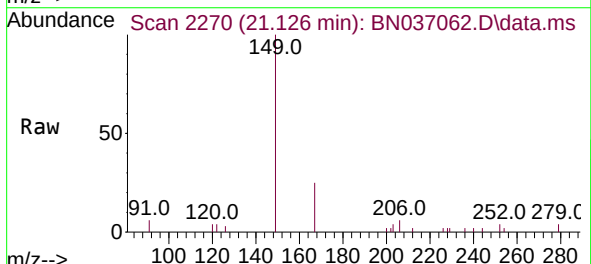
Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP303-20250515

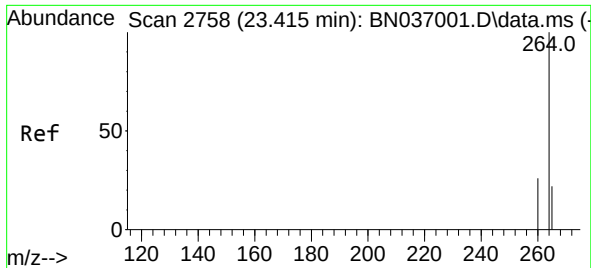
Tgt Ion:244 Resp: 4808
 Ion Ratio Lower Upper
 244 100
 212 12.0 9.7 14.5
 122 17.5 13.4 20.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.285 ng
 RT: 21.126 min Scan# 2270
 Delta R.T. -0.009 min
 Lab File: BN037062.D
 Acq: 20 May 2025 01:54

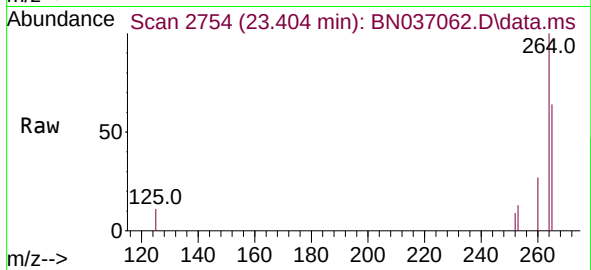
Tgt Ion:149 Resp: 3328
 Ion Ratio Lower Upper
 149 100
 167 26.6 20.6 30.8
 279 2.9 2.6 3.8





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.404 min Scan# 21
Delta R.T. -0.012 min
Lab File: BN037062.D
Acq: 20 May 2025 01:54

Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250515



Tgt Ion:264 Resp: 4381

Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.9	32.9
265	64.2	51.6	77.4

