

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031225\
 Data File : BN036595.D
 Acq On : 12 Mar 2025 11:38
 Operator : RC/JU
 Sample : Q1531-20
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 12 12:23:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 16:06:28 2025
 Response via : Initial Calibration

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

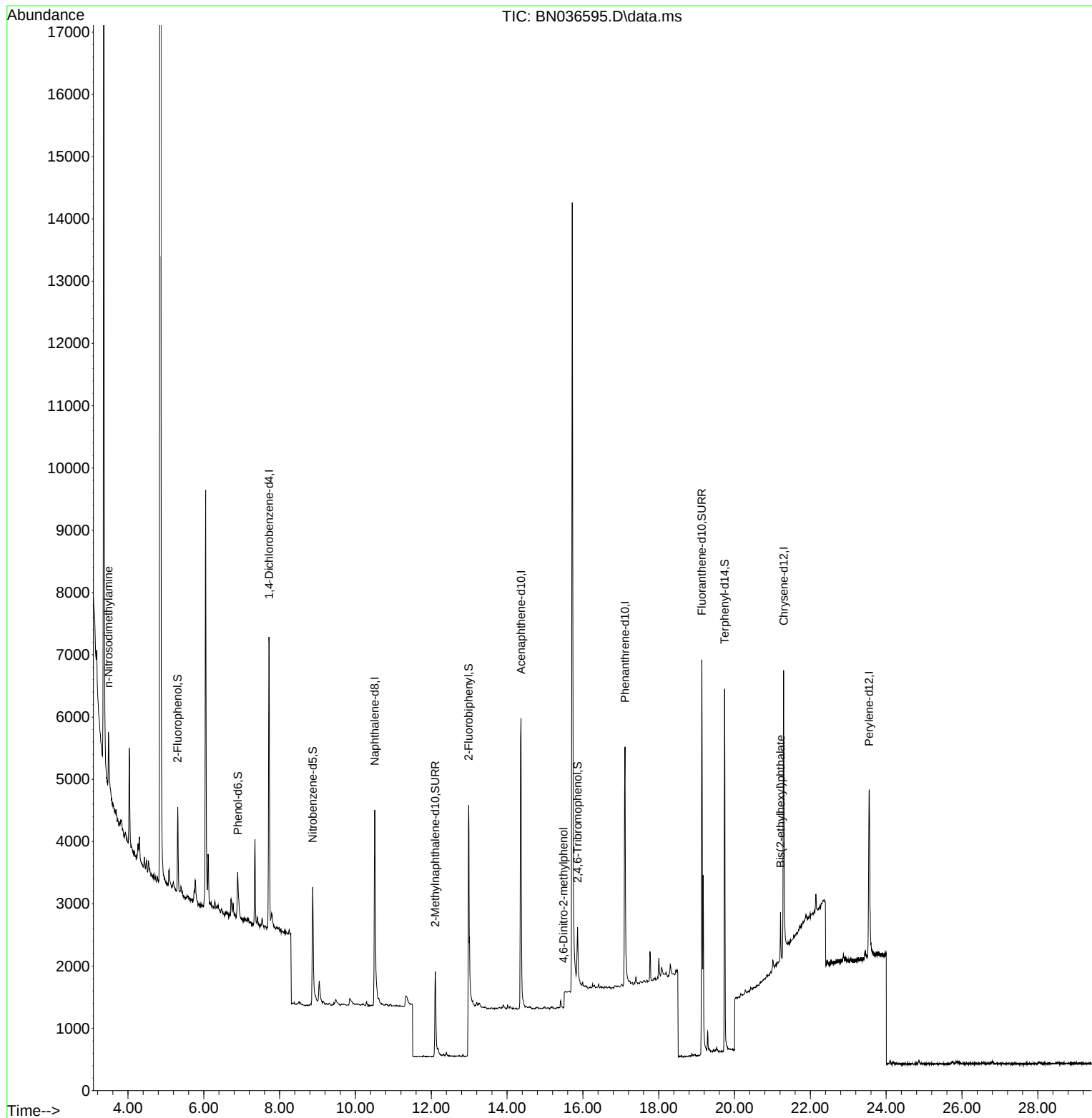
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	2341	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	5174	0.400	ng	0.00
13) Acenaphthene-d10	14.366	164	3132	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	6559	0.400	ng	0.00
29) Chrysene-d12	21.295	240	4896	0.400	ng	0.00
35) Perylene-d12	23.552	264	4323	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	912	0.167	ng	0.00
5) Phenol-d6	6.901	99	625	0.093	ng	0.00
8) Nitrobenzene-d5	8.875	82	1972	0.350	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	2534	0.329	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	571	0.402	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	6503	0.357	ng	0.00
27) Fluoranthene-d10	19.136	212	7836	0.466	ng	0.00
31) Terphenyl-d14	19.740	244	5872	0.501	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.485	42	283	0.054	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.489	198	5	0.149	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.214	149	711	0.059	ng	100

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

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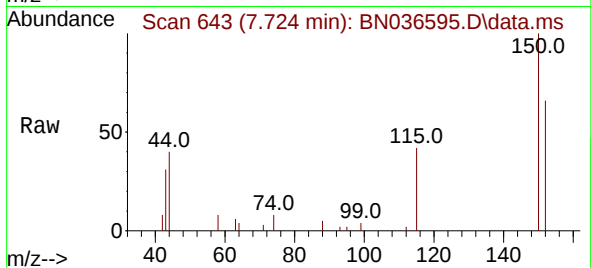
Quant Time: Mar 12 12:23:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
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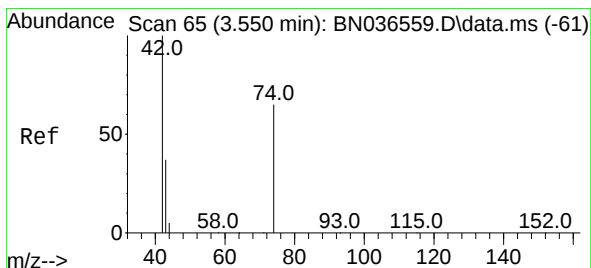
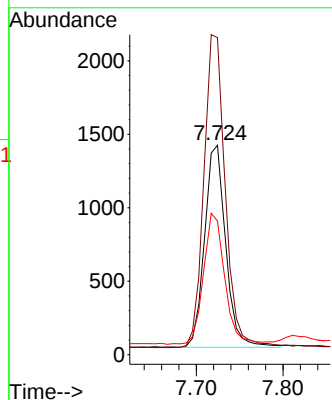
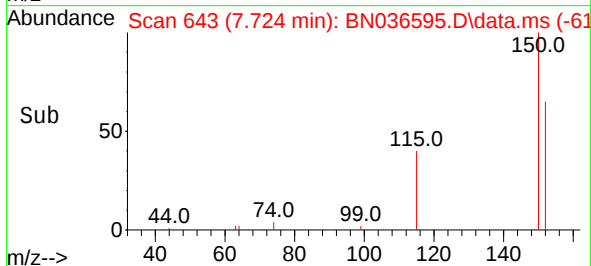


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN036595.D
Acq: 12 Mar 2025 11:38

Instrument :
BNA_N
ClientSampleId :

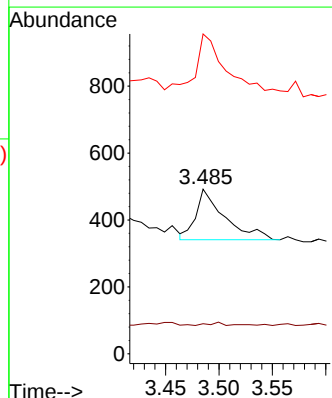
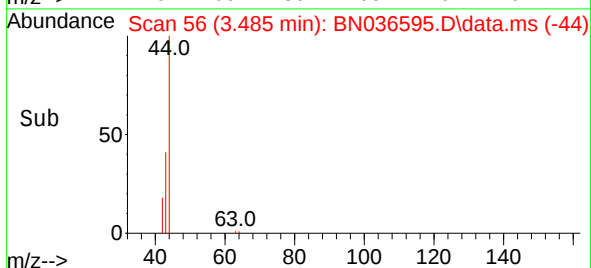
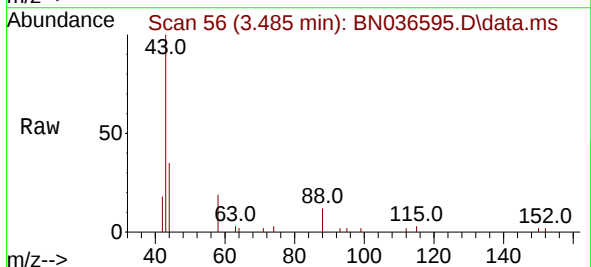


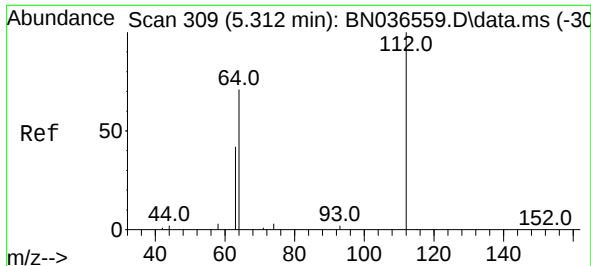
Tgt Ion:152 Resp: 2341
Ion Ratio Lower Upper
152 100
150 151.3 123.7 185.5
115 63.8 54.3 81.5



#3
n-Nitrosodimethylamine
Concen: 0.054 ng
RT: 3.485 min Scan# 56
Delta R.T. -0.065 min
Lab File: BN036595.D
Acq: 12 Mar 2025 11:38

Tgt Ion: 42 Resp: 283
Ion Ratio Lower Upper
42 100
74 2.8 60.6 90.8#
44 101.1 6.3 9.5#





#4

2-Fluorophenol

Concen: 0.167 ng

RT: 5.312 min Scan# 309

Delta R.T. 0.000 min

Lab File: BN036595.D

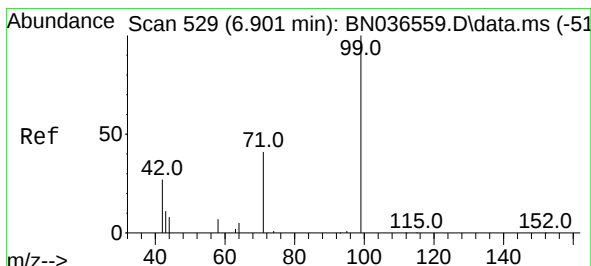
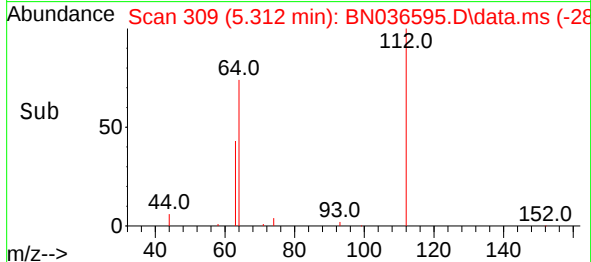
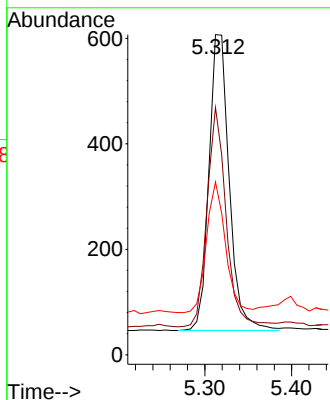
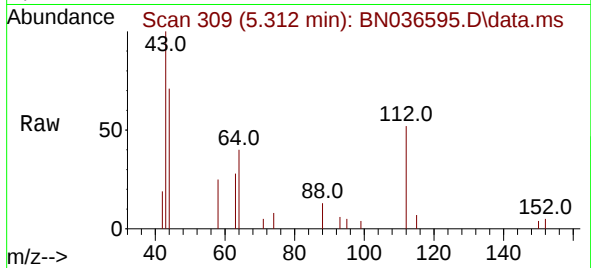
Acq: 12 Mar 2025 11:38

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:	112	Resp:	912
Ion	Ratio	Lower	Upper
112	100		
64	70.0	53.1	79.7
63	41.4	31.8	47.8



#5

Phenol-d6

Concen: 0.093 ng

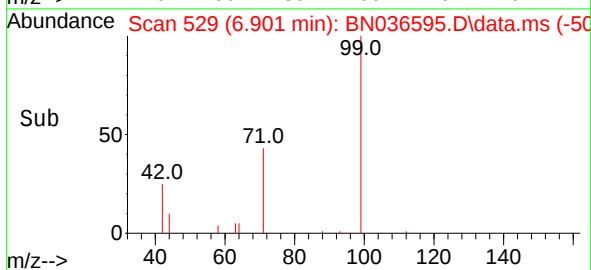
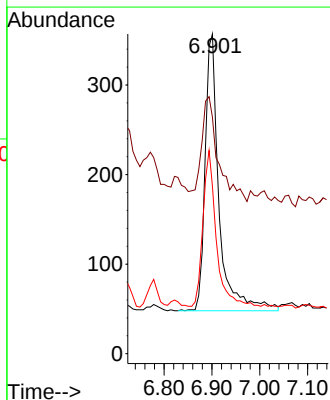
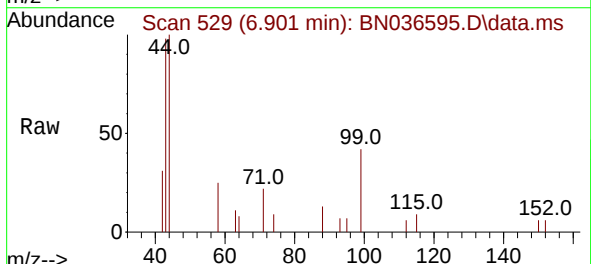
RT: 6.901 min Scan# 529

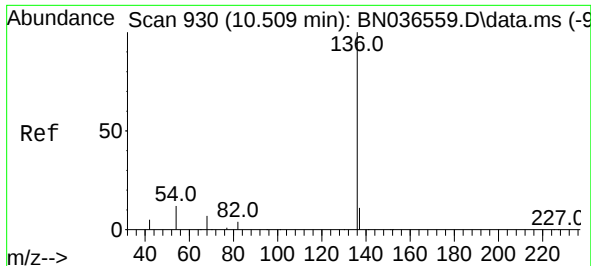
Delta R.T. 0.000 min

Lab File: BN036595.D

Acq: 12 Mar 2025 11:38

Tgt Ion:	99	Resp:	625
Ion	Ratio	Lower	Upper
99	100		
42	45.9	26.5	39.7#
71	54.1	34.1	51.1#

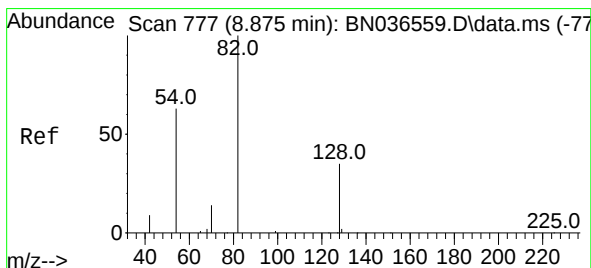
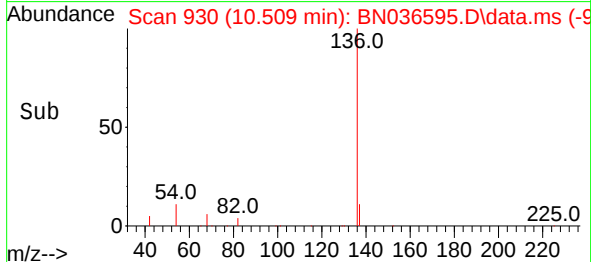
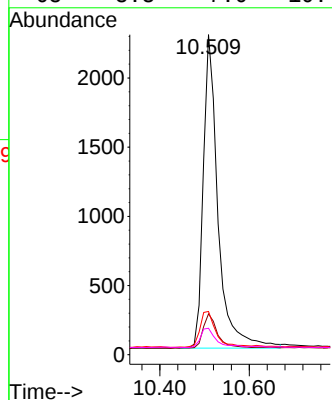
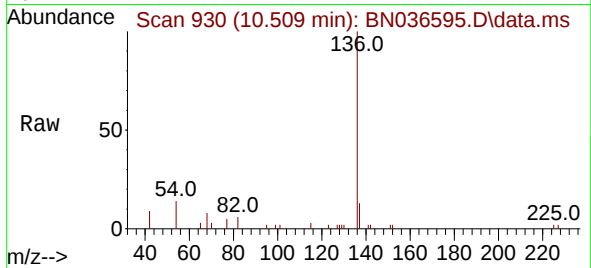




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN036595.D
Acq: 12 Mar 2025 11:38

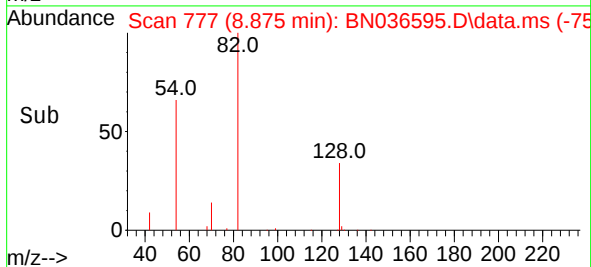
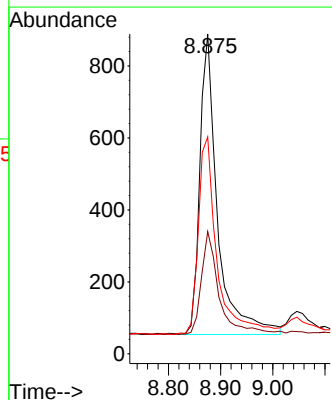
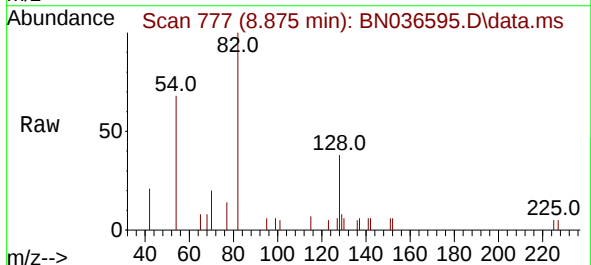
Instrument :
BNA_N
ClientSampleId :

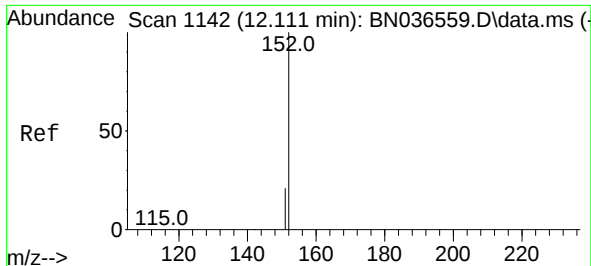
Tgt Ion:	136	Resp:	5174
Ion	Ratio	Lower	Upper
136	100		
137	12.8	10.3	15.5
54	13.5	11.5	17.3
68	8.3	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.350 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN036595.D
Acq: 12 Mar 2025 11:38

Tgt Ion:	82	Resp:	1972
Ion	Ratio	Lower	Upper
82	100		
128	38.2	30.6	45.8
54	67.8	52.2	78.4

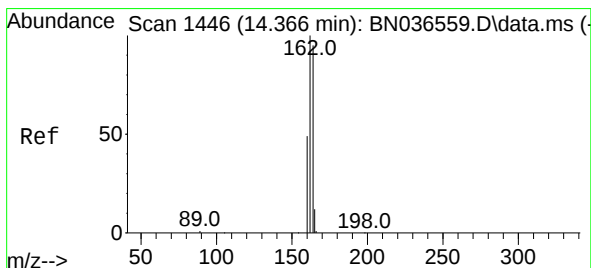
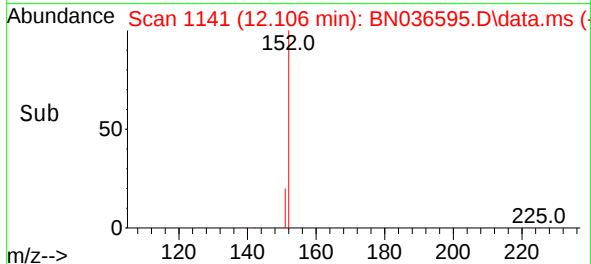
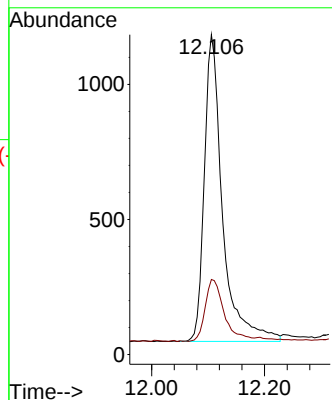
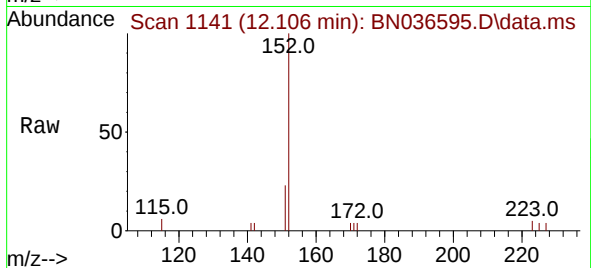




#11
2-Methylnaphthalene-d10
Concen: 0.329 ng
RT: 12.106 min Scan# 1141
Delta R.T. -0.005 min
Lab File: BN036595.D
Acq: 12 Mar 2025 11:38

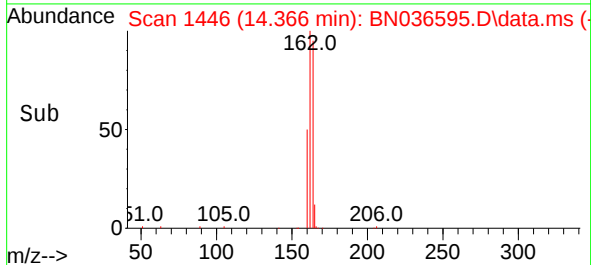
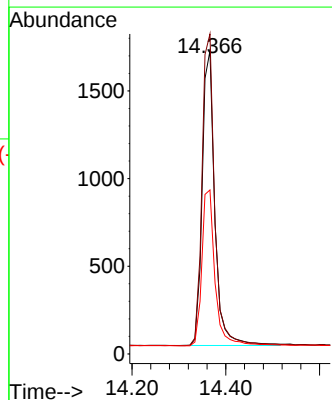
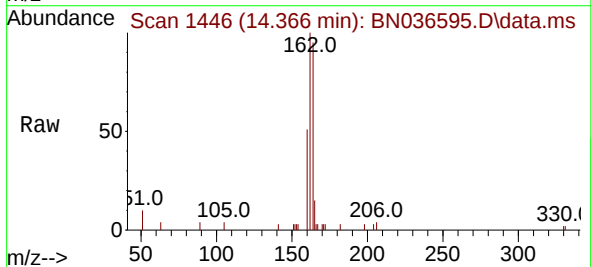
Instrument :
BNA_N
ClientSampleId :

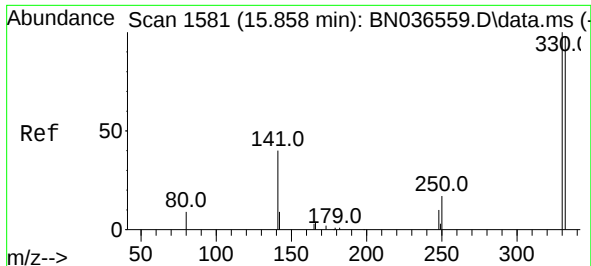
Tgt Ion:152 Resp: 2534
Ion Ratio Lower Upper
152 100
151 21.2 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.366 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BN036595.D
Acq: 12 Mar 2025 11:38

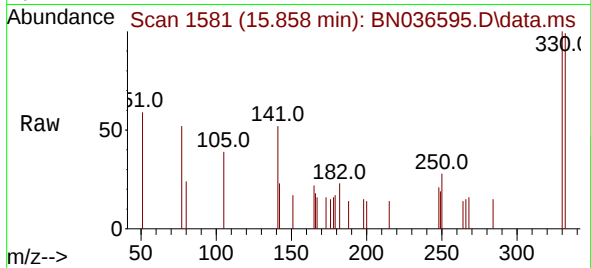
Tgt Ion:164 Resp: 3132
Ion Ratio Lower Upper
164 100
162 105.6 84.2 126.2
160 54.1 42.2 63.2



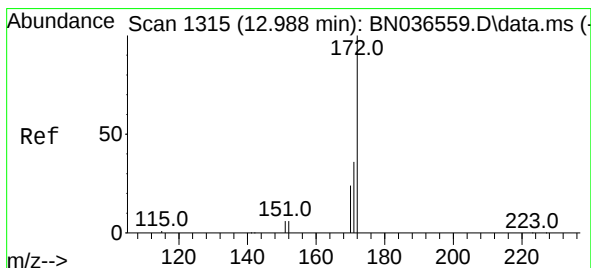
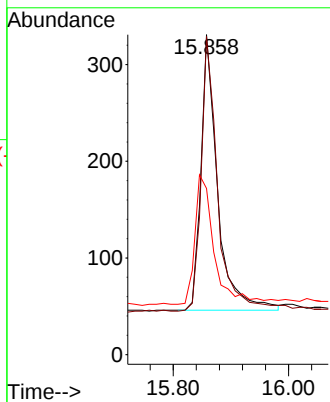
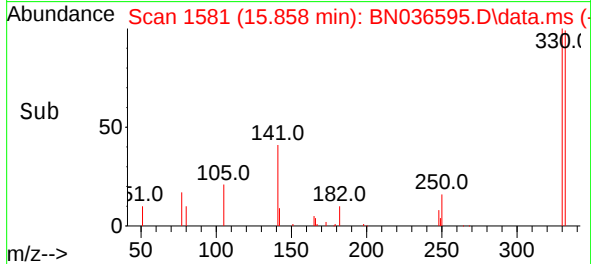


#14
2,4,6-Tribromophenol
Concen: 0.402 ng
RT: 15.858 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BN036595.D
Acq: 12 Mar 2025 11:38

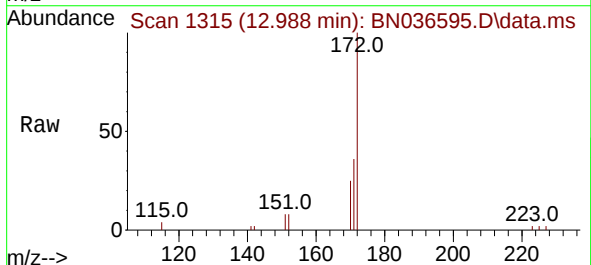
Instrument :
BNA_N
ClientSampleId :



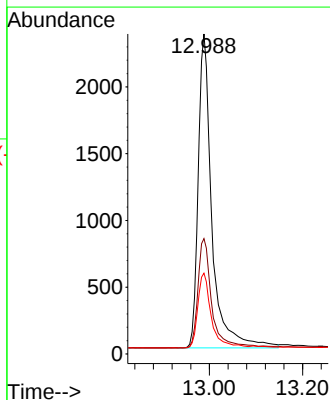
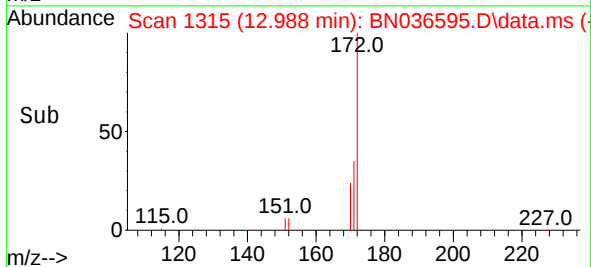
Tgt Ion:330 Resp: 571
Ion Ratio Lower Upper
330 100
332 100.4 75.2 112.8
141 56.4 43.4 65.2

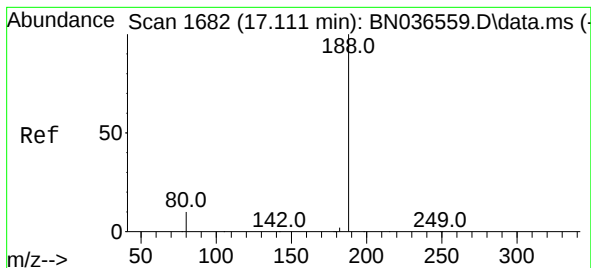


#15
2-Fluorobiphenyl
Concen: 0.357 ng
RT: 12.988 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BN036595.D
Acq: 12 Mar 2025 11:38



Tgt Ion:172 Resp: 6503
Ion Ratio Lower Upper
172 100
171 36.0 29.5 44.3
170 25.2 20.2 30.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.111 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN036595.D

Acq: 12 Mar 2025 11:38

Instrument :

BNA_N

ClientSampleId :

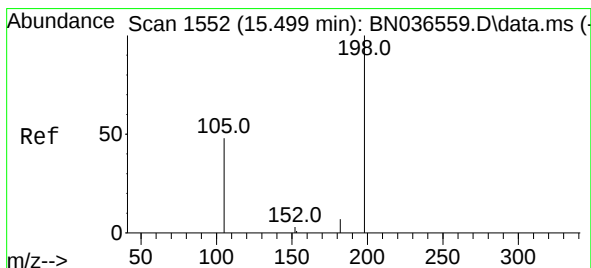
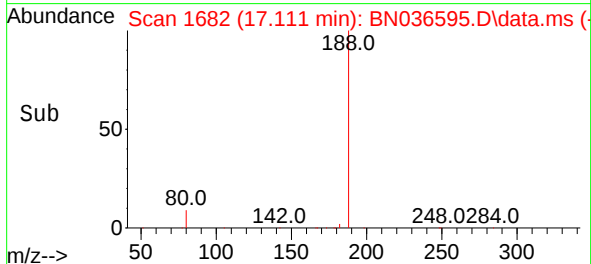
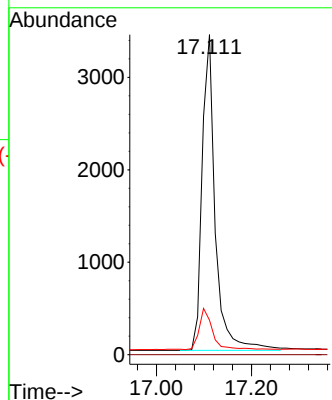
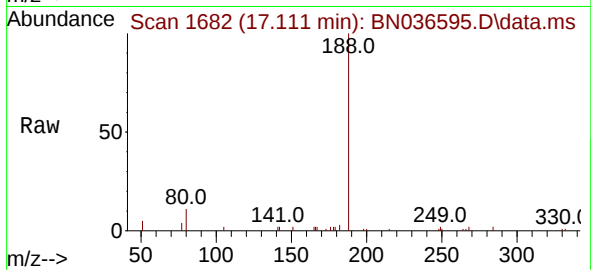
Tgt Ion:188 Resp: 6559

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.8 8.8 13.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.149 ng

RT: 15.489 min Scan# 1551

Delta R.T. -0.010 min

Lab File: BN036595.D

Acq: 12 Mar 2025 11:38

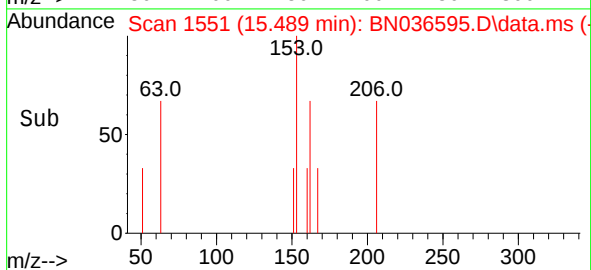
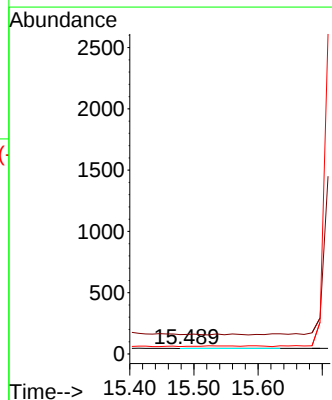
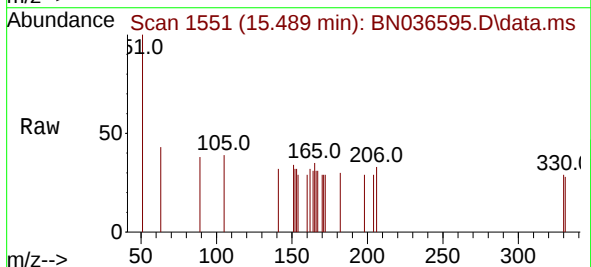
Tgt Ion:198 Resp: 5

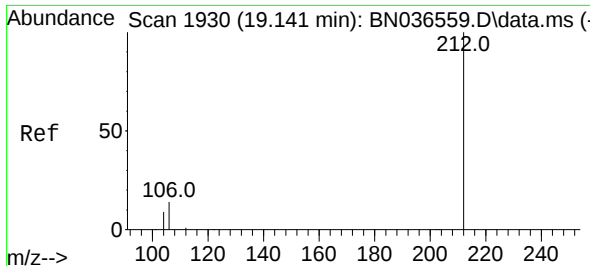
Ion Ratio Lower Upper

198 100

51 347.8 107.9 161.9#

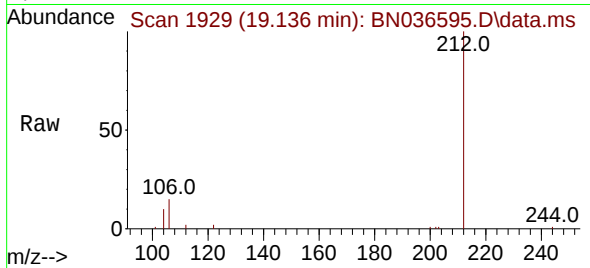
105 137.0 56.2 84.2#



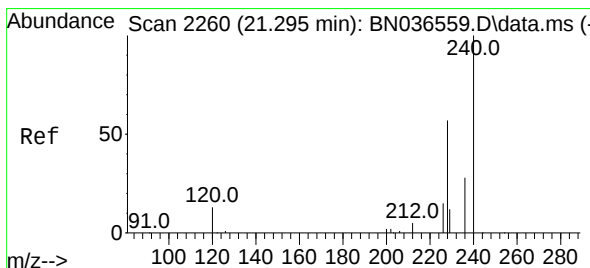
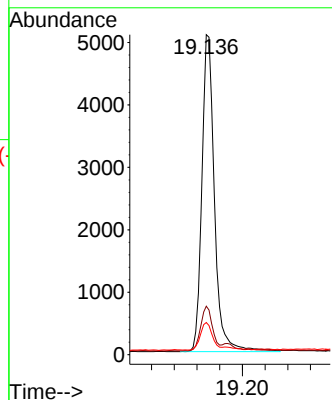
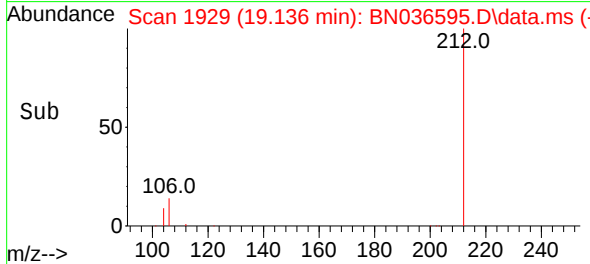


#27
Fluoranthene-d10
Concen: 0.466 ng
RT: 19.136 min Scan# 1929
Delta R.T. -0.004 min
Lab File: BN036595.D
Acq: 12 Mar 2025 11:38

Instrument :
BNA_N
ClientSampleId :

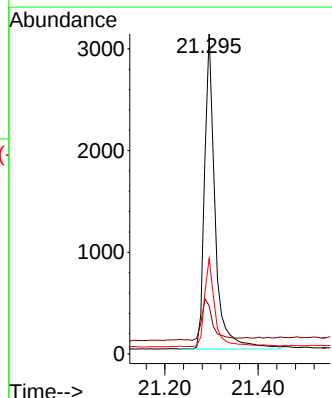
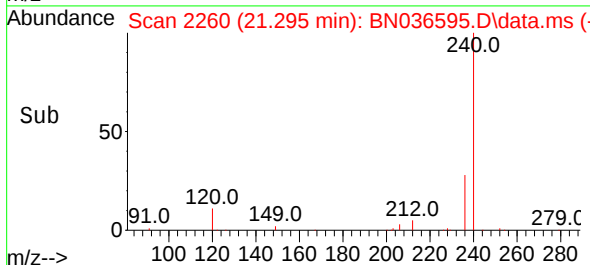
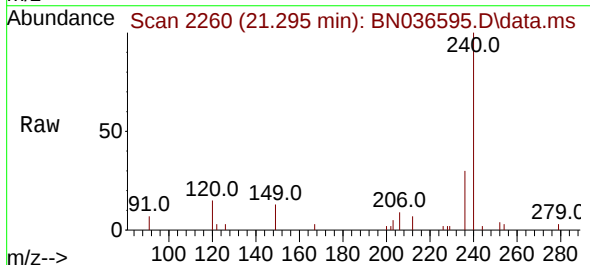


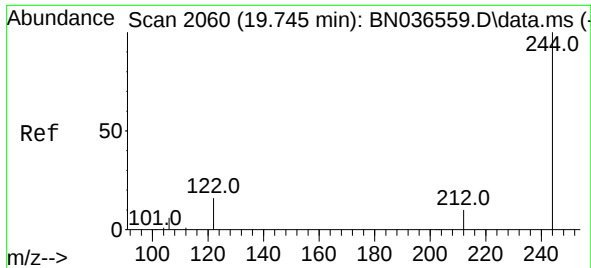
Tgt Ion:212 Resp: 7836
Ion Ratio Lower Upper
212 100
106 13.3 11.8 17.6
104 8.2 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN036595.D
Acq: 12 Mar 2025 11:38

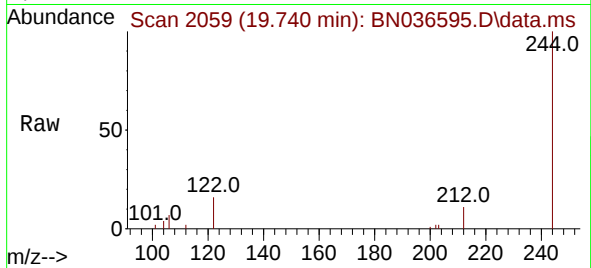
Tgt Ion:240 Resp: 4896
Ion Ratio Lower Upper
240 100
120 15.1 14.6 22.0
236 29.9 24.1 36.1



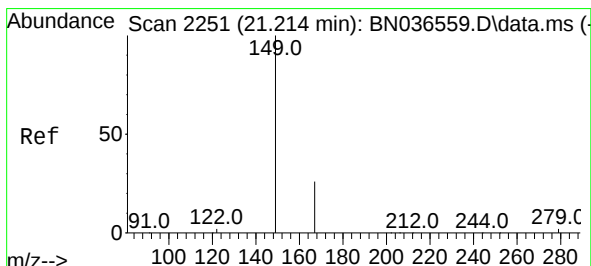
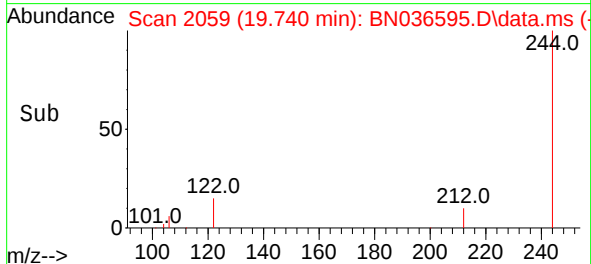
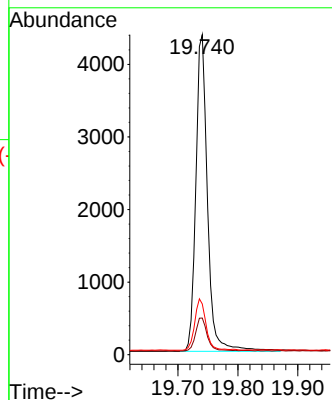


#31
 Terphenyl-d14
 Concen: 0.501 ng
 RT: 19.740 min Scan# 2060
 Delta R.T. -0.004 min
 Lab File: BN036595.D
 Acq: 12 Mar 2025 11:38

Instrument :
 BNA_N
 ClientSampleId :

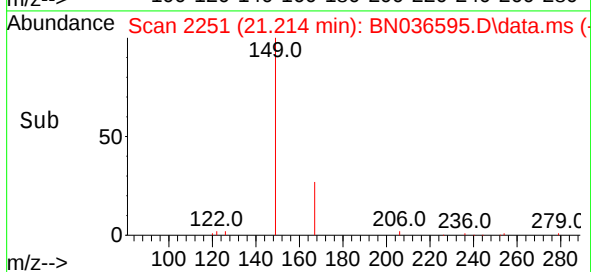
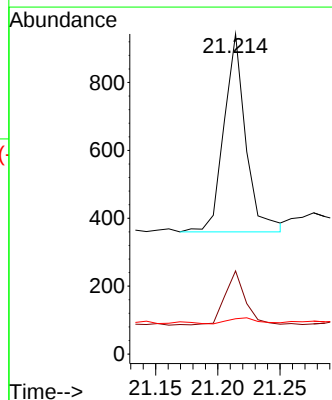
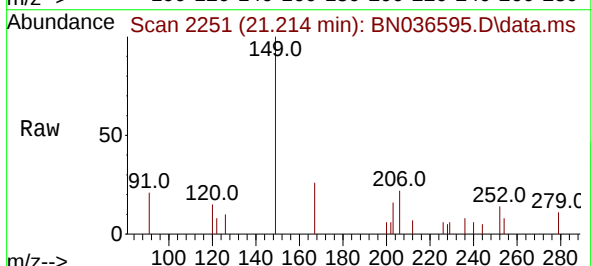


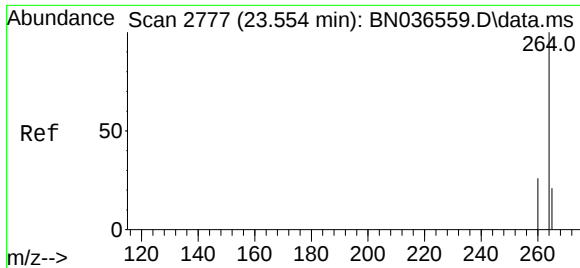
Tgt Ion:244 Resp: 5872
 Ion Ratio Lower Upper
 244 100
 212 11.5 9.6 14.4
 122 15.9 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.059 ng
 RT: 21.214 min Scan# 2251
 Delta R.T. 0.000 min
 Lab File: BN036595.D
 Acq: 12 Mar 2025 11:38

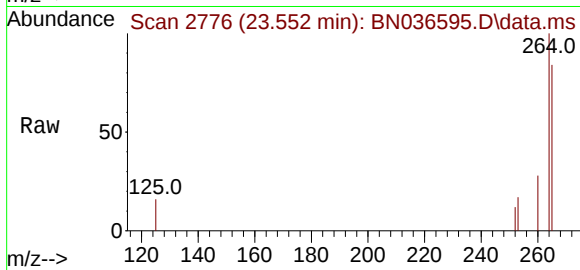
Tgt Ion:149 Resp: 711
 Ion Ratio Lower Upper
 149 100
 167 25.9 20.7 31.1
 279 4.2 3.6 5.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.552 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN036595.D
Acq: 12 Mar 2025 11:38

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:264 Resp: 4323
Ion Ratio Lower Upper
264 100
260 28.1 22.6 33.8
265 84.3 88.1 132.1#

