

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032825\
 Data File : BN036803.D
 Acq On : 29 Mar 2025 09:57
 Operator : RC/JU
 Sample : Q1629-07
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 31 01:59:55 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)

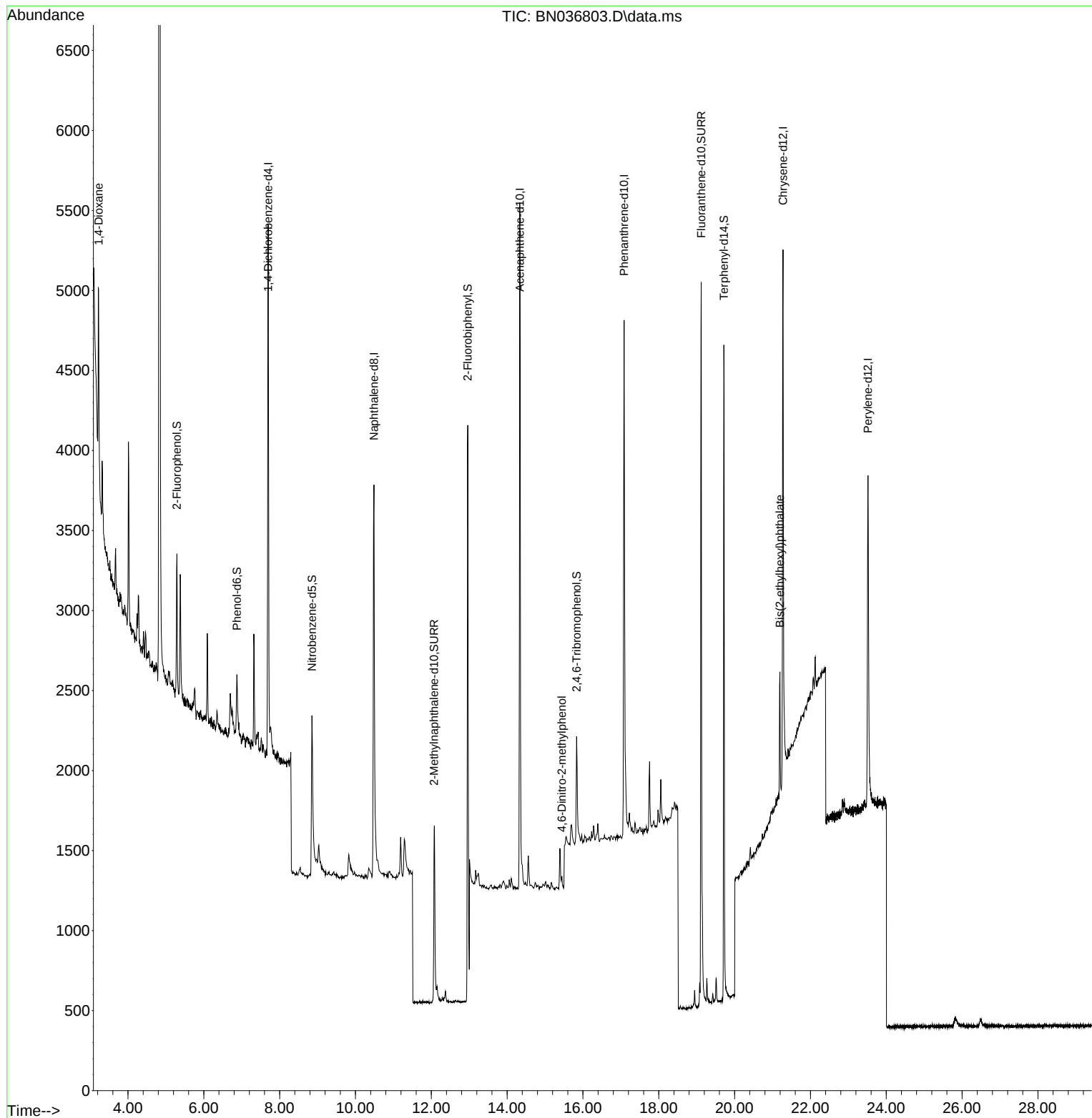
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.696	152	1719	0.400	ng	-0.03
7) Naphthalene-d8	10.487	136	4159	0.400	ng	-0.02
13) Acenaphthene-d10	14.334	164	2581	0.400	ng	-0.03
19) Phenanthrene-d10	17.086	188	5278	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	3898	0.400	ng	#-0.02
35) Perylene-d12	23.516	264	3267	0.400	ng	#-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	650	0.162	ng	-0.02
5) Phenol-d6	6.872	99	448	0.091	ng	-0.03
8) Nitrobenzene-d5	8.854	82	1305	0.288	ng	-0.02
11) 2-Methylnaphthalene-d10	12.075	152	2119	0.343	ng	-0.04
14) 2,4,6-Tribromophenol	15.833	330	489	0.418	ng	-0.02
15) 2-Fluorobiphenyl	12.963	172	5067	0.337	ng	-0.03
27) Fluoranthene-d10	19.118	212	5789	0.428	ng	-0.02
31) Terphenyl-d14	19.717	244	4157	0.445	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	659	0.346	ng	# 62
20) 4,6-Dinitro-2-methylph...	15.446	198	76	0.202	ng	98
34) Bis(2-ethylhexyl)phtha...	21.196	149	747	0.077	ng	# 96

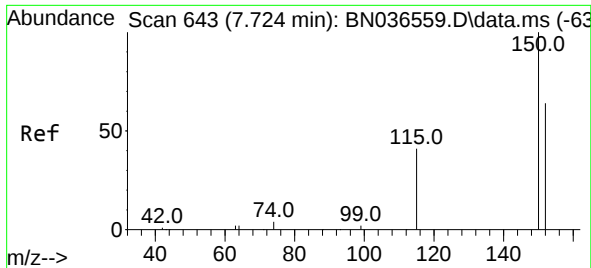
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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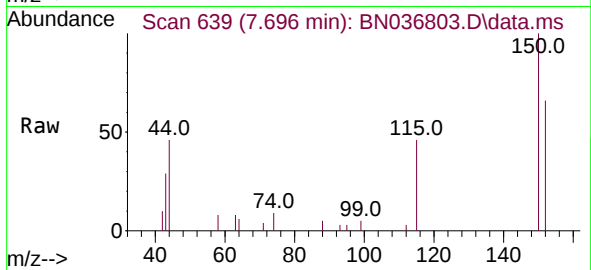
Quant Time: Mar 31 01:59:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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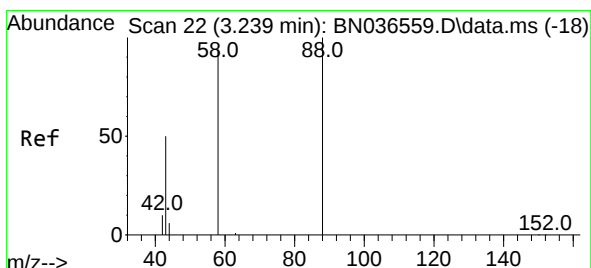
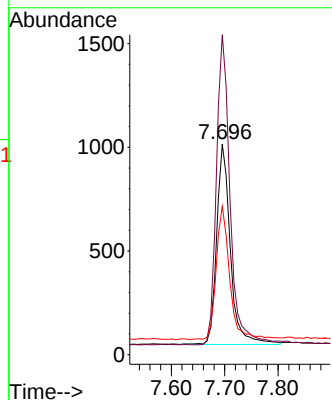
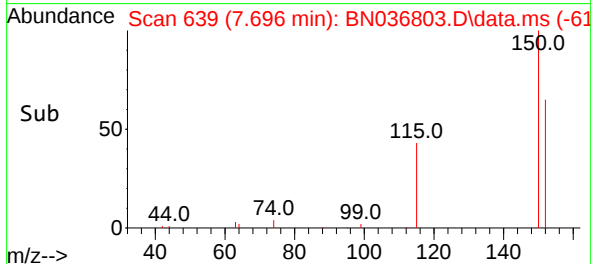


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.696 min Scan# 61
 Delta R.T. -0.028 min
 Lab File: BN036803.D
 Acq: 29 Mar 2025 09:57

Instrument :
 BNA_N
 ClientSampleId :

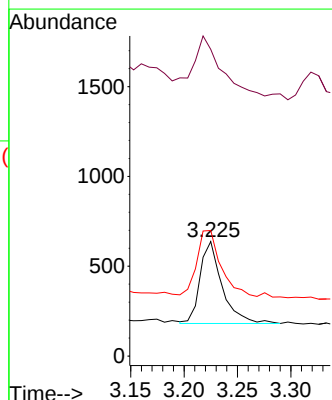
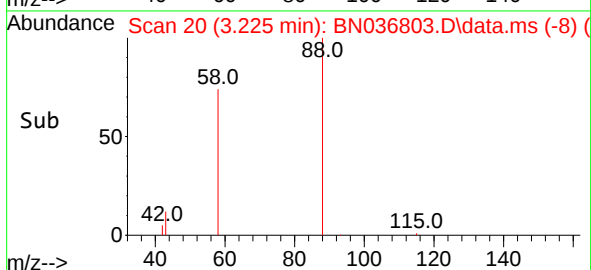
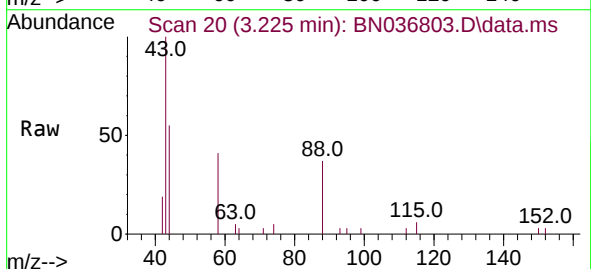


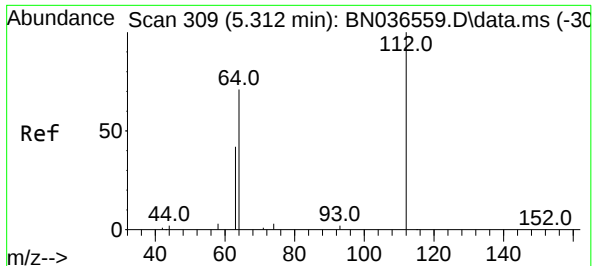
Tgt Ion:152 Resp: 1719
 Ion Ratio Lower Upper
 152 100
 150 151.9 123.7 185.5
 115 70.4 54.3 81.5



#2
 1,4-Dioxane
 Concen: 0.346 ng
 RT: 3.225 min Scan# 20
 Delta R.T. -0.014 min
 Lab File: BN036803.D
 Acq: 29 Mar 2025 09:57

Tgt Ion: 88 Resp: 659
 Ion Ratio Lower Upper
 88 100
 43 115.2 37.8 56.8#
 58 87.3 67.4 101.2

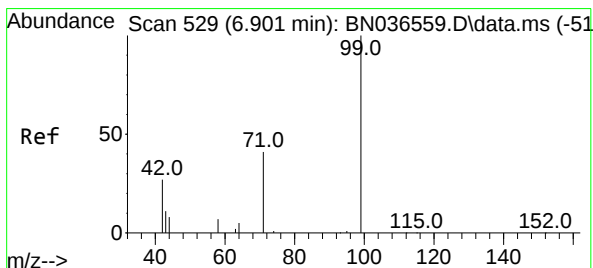
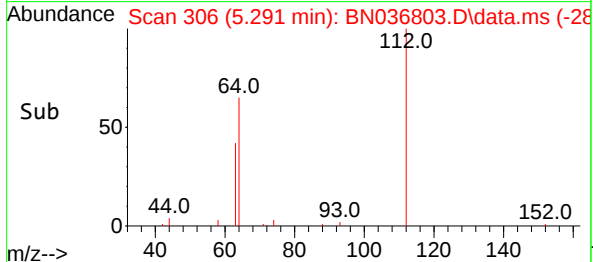
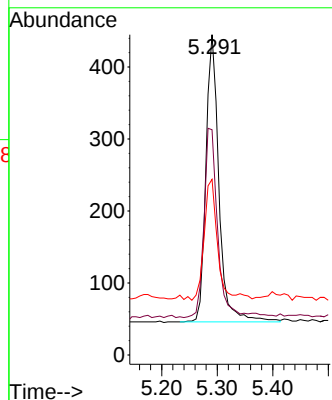
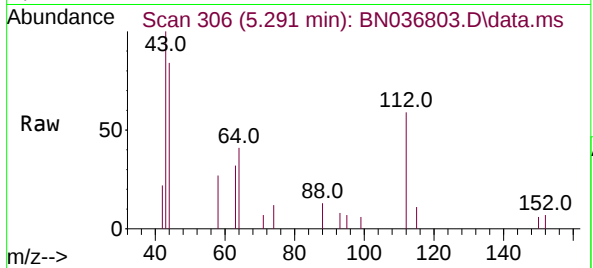




#4
2-Fluorophenol
Concen: 0.162 ng
RT: 5.291 min Scan# 309
Delta R.T. -0.022 min
Lab File: BN036803.D
Acq: 29 Mar 2025 09:57

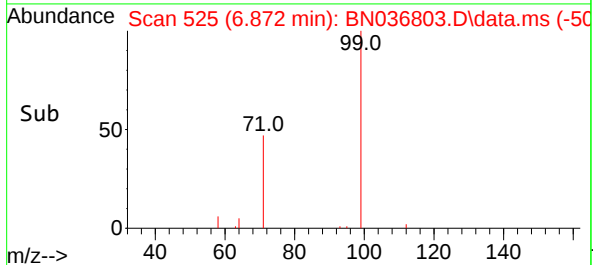
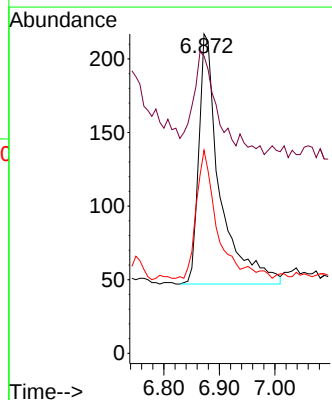
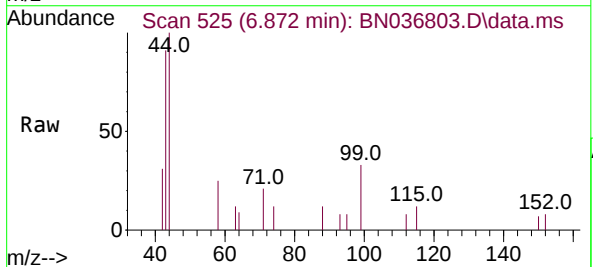
Instrument :
BNA_N
ClientSampleId :

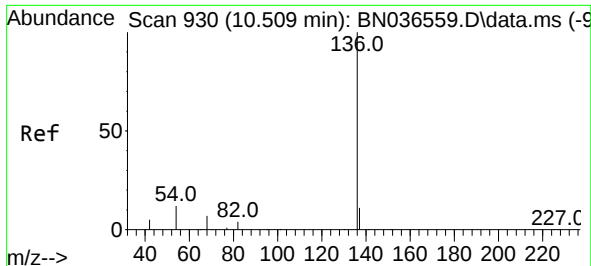
Tgt Ion:112 Resp: 650
Ion Ratio Lower Upper
112 100
64 68.3 53.1 79.7
63 42.0 31.8 47.8



#5
Phenol-d6
Concen: 0.091 ng
RT: 6.872 min Scan# 525
Delta R.T. -0.029 min
Lab File: BN036803.D
Acq: 29 Mar 2025 09:57

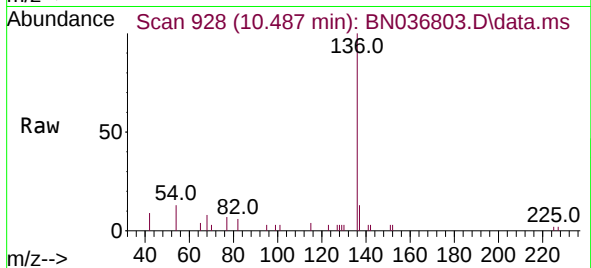
Tgt Ion: 99 Resp: 448
Ion Ratio Lower Upper
99 100
42 35.9 26.5 39.7
71 50.4 34.1 51.1



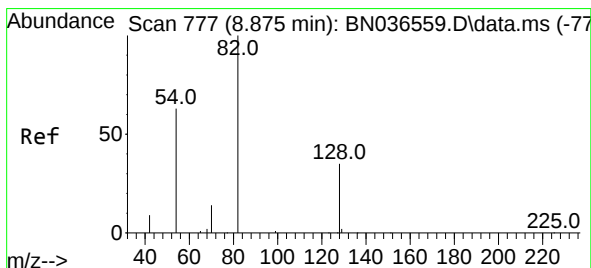
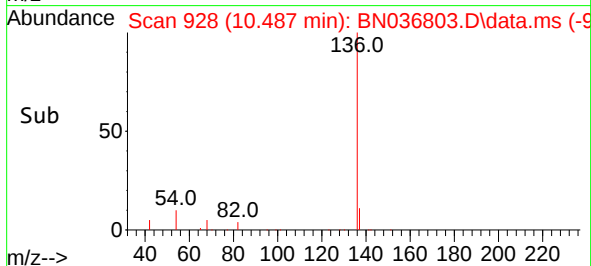
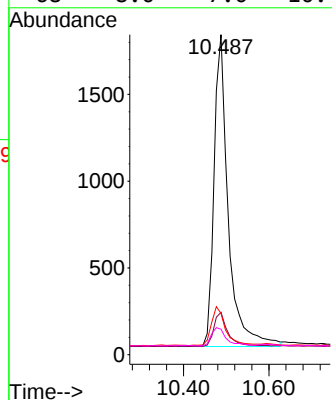


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN036803.D
Acq: 29 Mar 2025 09:57

Instrument :
BNA_N
ClientSampleId :

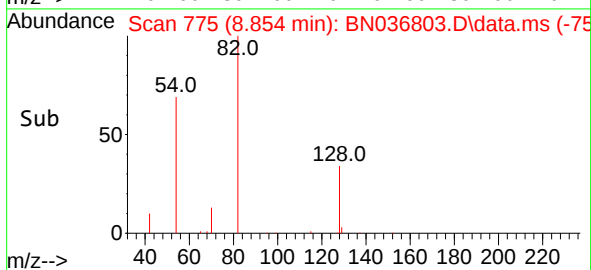
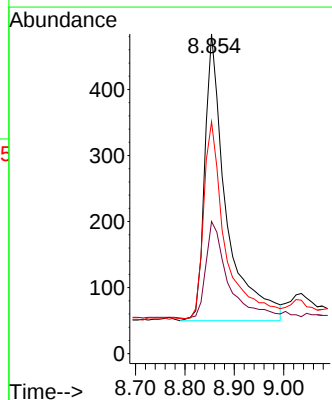
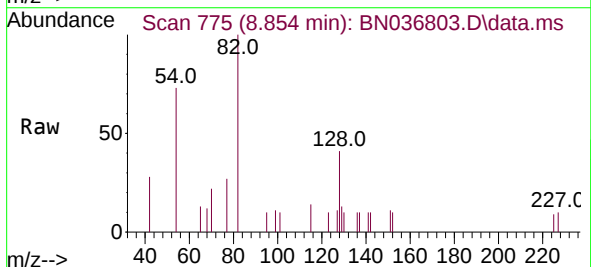


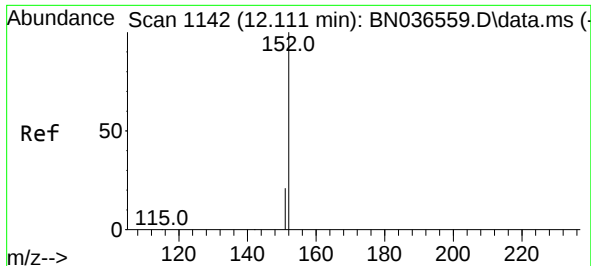
Tgt Ion:	136	Resp:	4159
Ion	Ratio	Lower	Upper
136	100		
137	13.3	10.3	15.5
54	12.9	11.5	17.3
68	8.0	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.288 ng
RT: 8.854 min Scan# 775
Delta R.T. -0.021 min
Lab File: BN036803.D
Acq: 29 Mar 2025 09:57

Tgt Ion:	82	Resp:	1305
Ion	Ratio	Lower	Upper
82	100		
128	41.3	30.6	45.8
54	72.5	52.2	78.4

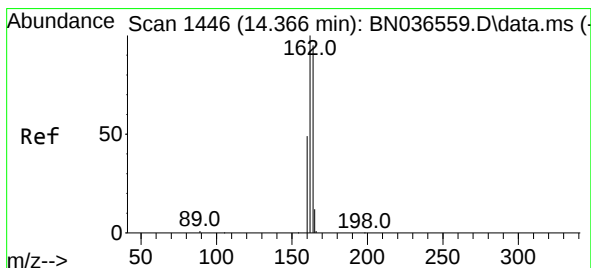
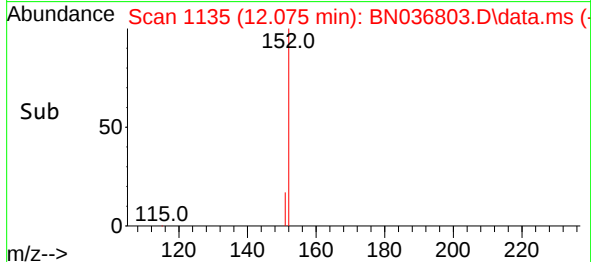
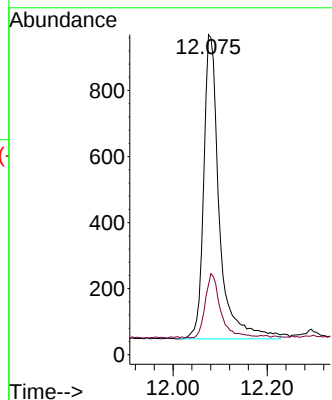
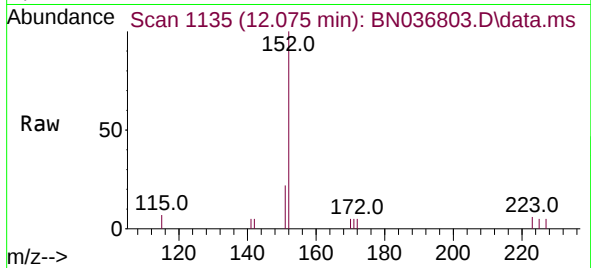




#11
2-Methylnaphthalene-d10
Concen: 0.343 ng
RT: 12.075 min Scan# 1142
Delta R.T. -0.035 min
Lab File: BN036803.D
Acq: 29 Mar 2025 09:57

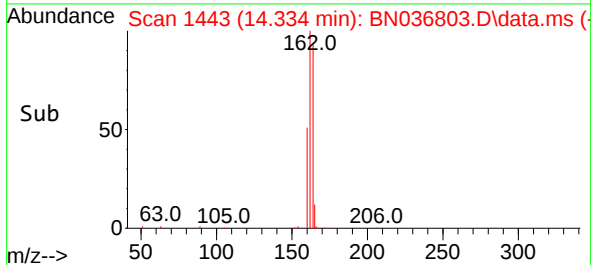
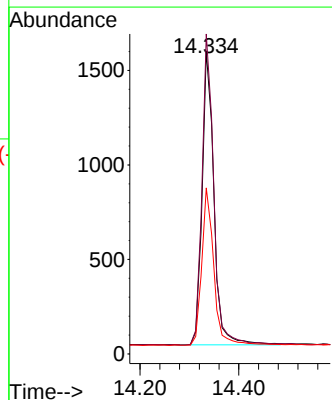
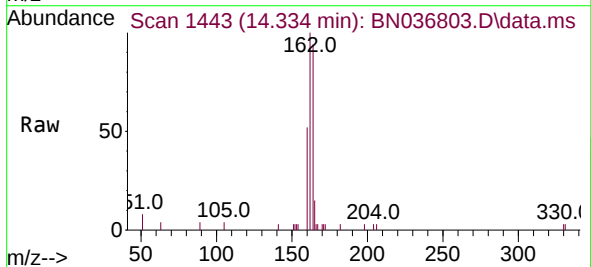
Instrument :
BNA_N
ClientSampleId :

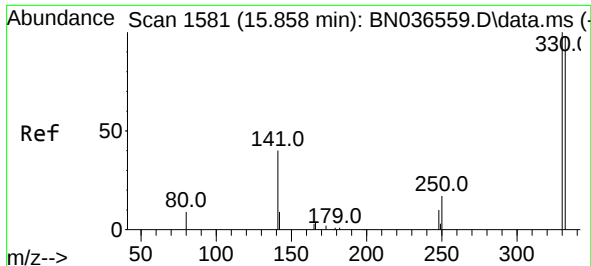
Tgt Ion:152 Resp: 2119
Ion Ratio Lower Upper
152 100
151 20.8 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1443
Delta R.T. -0.032 min
Lab File: BN036803.D
Acq: 29 Mar 2025 09:57

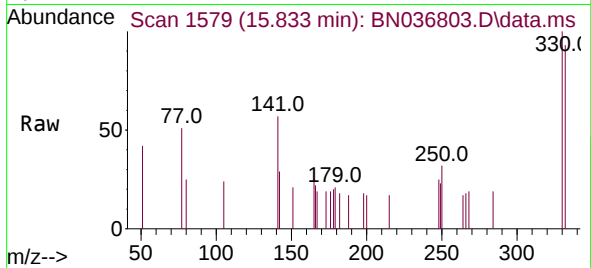
Tgt Ion:164 Resp: 2581
Ion Ratio Lower Upper
164 100
162 105.9 84.2 126.2
160 55.0 42.2 63.2



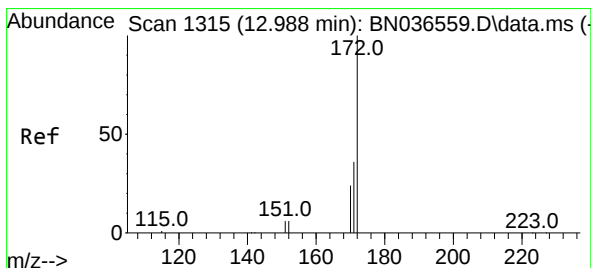
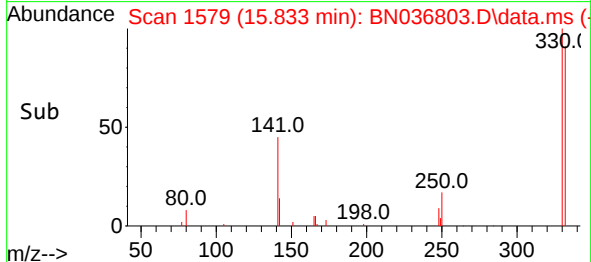
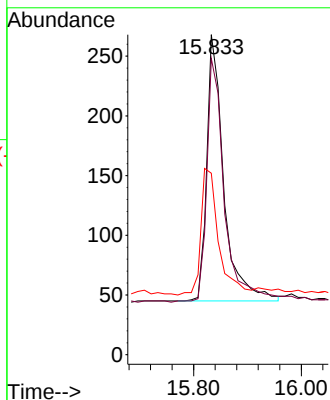


#14
2,4,6-Tribromophenol
Concen: 0.418 ng
RT: 15.833 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN036803.D
Acq: 29 Mar 2025 09:57

Instrument :
BNA_N
ClientSampleId :

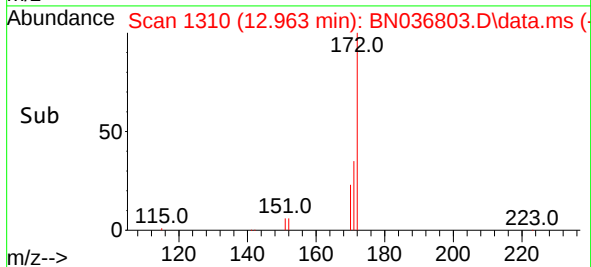
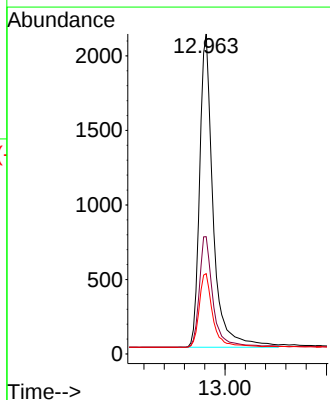
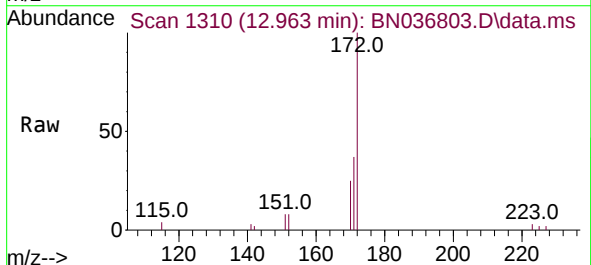


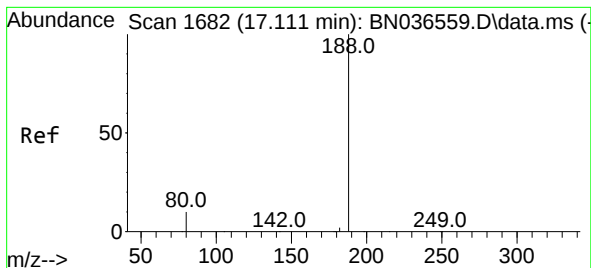
Tgt Ion:330 Resp: 489
Ion Ratio Lower Upper
330 100
332 95.1 75.2 112.8
141 49.5 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.337 ng
RT: 12.963 min Scan# 1310
Delta R.T. -0.025 min
Lab File: BN036803.D
Acq: 29 Mar 2025 09:57

Tgt Ion:172 Resp: 5067
Ion Ratio Lower Upper
172 100
171 36.7 29.5 44.3
170 25.1 20.2 30.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.086 min Scan# 1

Delta R.T. -0.025 min

Lab File: BN036803.D

Acq: 29 Mar 2025 09:57

Instrument :

BNA_N

ClientSampleId :

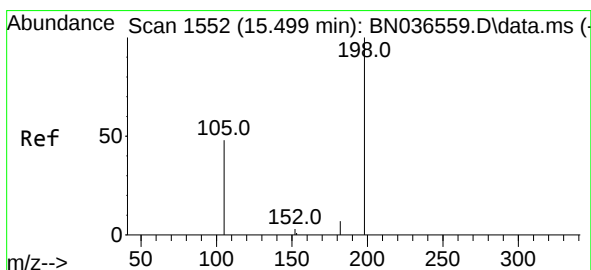
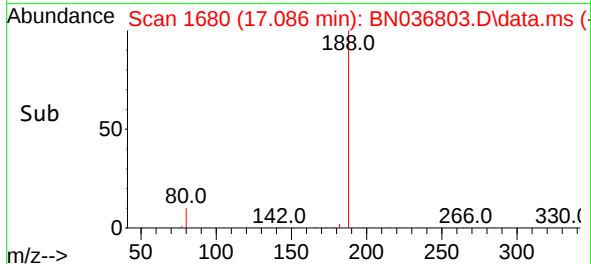
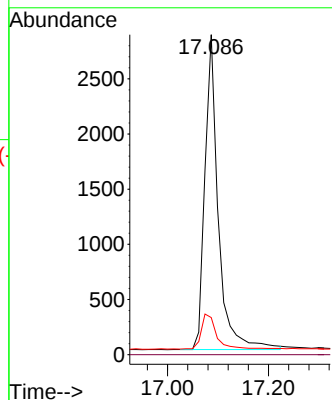
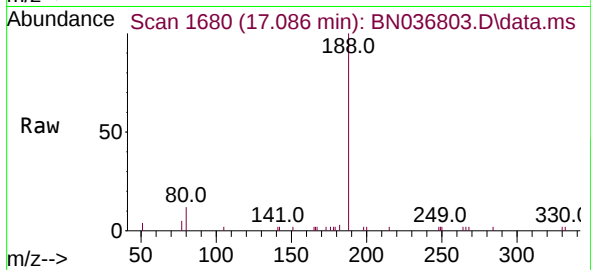
Tgt Ion:188 Resp: 5278

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.6 8.8 13.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.202 ng

RT: 15.446 min Scan# 1547

Delta R.T. -0.053 min

Lab File: BN036803.D

Acq: 29 Mar 2025 09:57

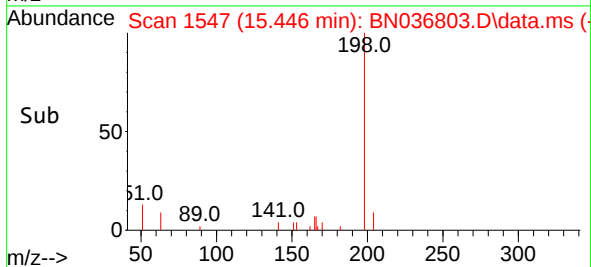
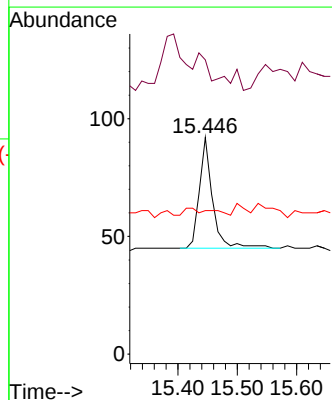
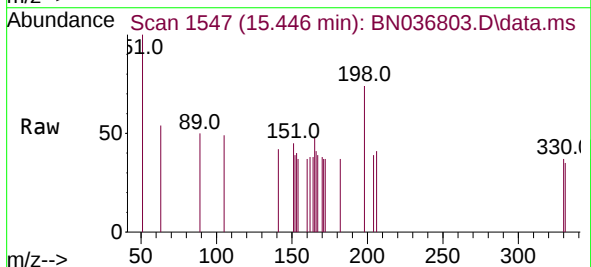
Tgt Ion:198 Resp: 76

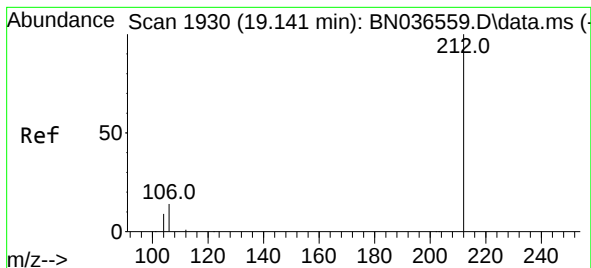
Ion Ratio Lower Upper

198 100

51 135.9 107.9 161.9

105 66.3 56.2 84.2





#27

Fluoranthene-d10

Concen: 0.428 ng

RT: 19.118 min Scan# 19

Delta R.T. -0.023 min

Lab File: BN036803.D

Acq: 29 Mar 2025 09:57

Instrument :

BNA_N

ClientSampleId :

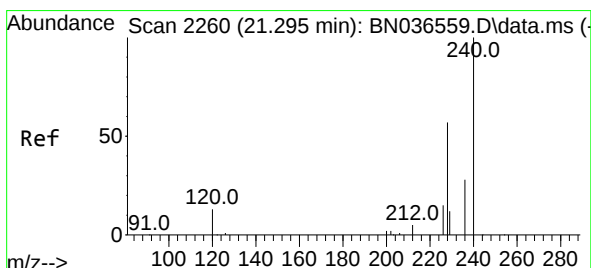
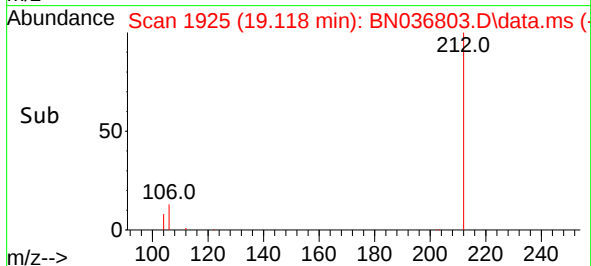
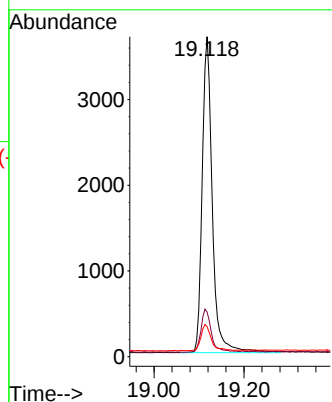
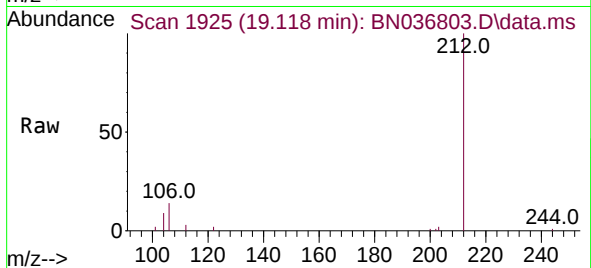
Tgt Ion:212 Resp: 5789

Ion Ratio Lower Upper

212 100

106 13.9 11.8 17.6

104 8.3 7.3 10.9



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.277 min Scan# 2258

Delta R.T. -0.018 min

Lab File: BN036803.D

Acq: 29 Mar 2025 09:57

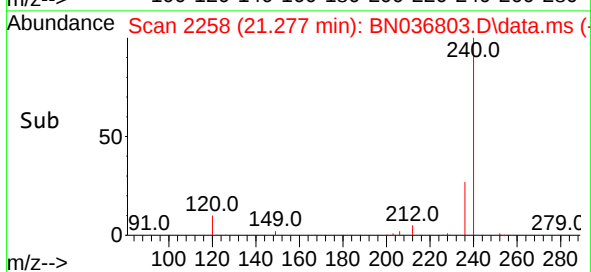
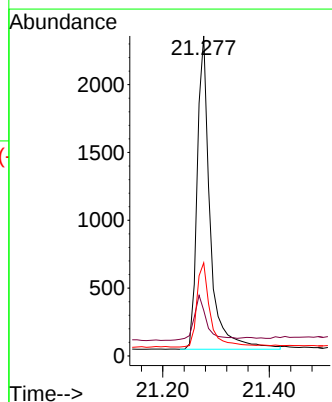
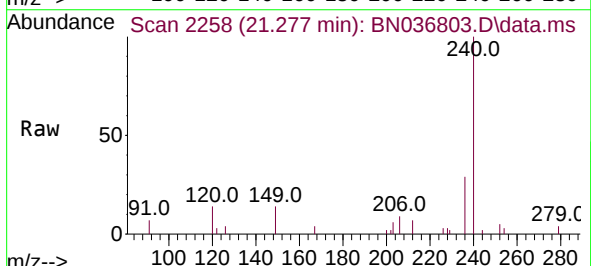
Tgt Ion:240 Resp: 3898

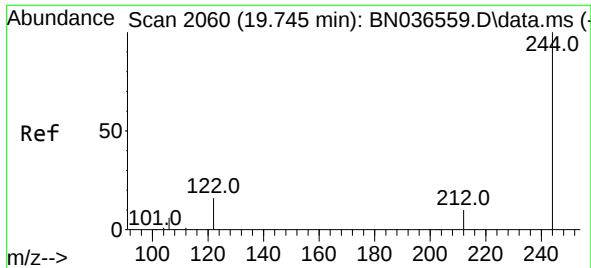
Ion Ratio Lower Upper

240 100

120 14.2 14.6 22.0#

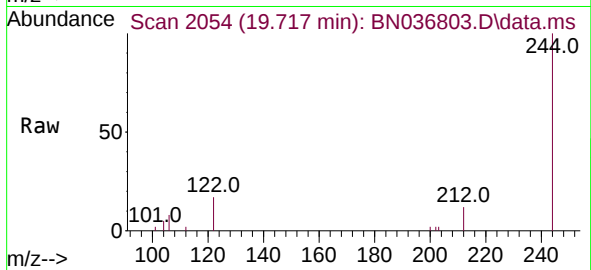
236 29.1 24.1 36.1



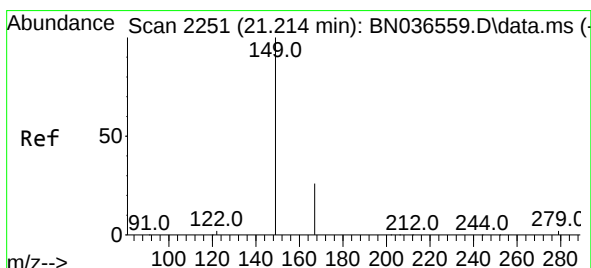
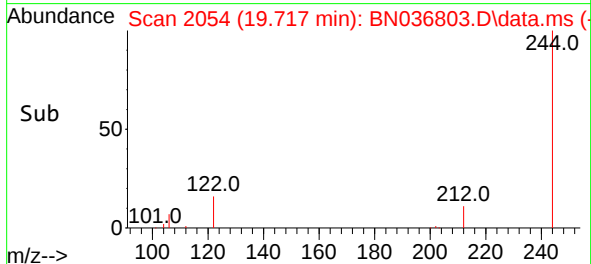
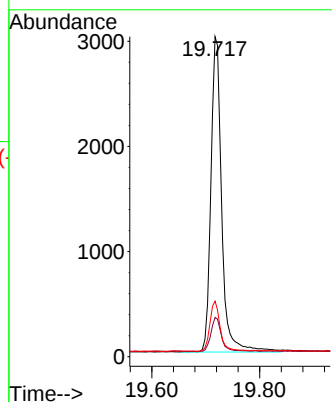


#31
 Terphenyl-d14
 Concen: 0.445 ng
 RT: 19.717 min Scan# 2060
 Delta R.T. -0.028 min
 Lab File: BN036803.D
 Acq: 29 Mar 2025 09:57

Instrument :
 BNA_N
 ClientSampleId :

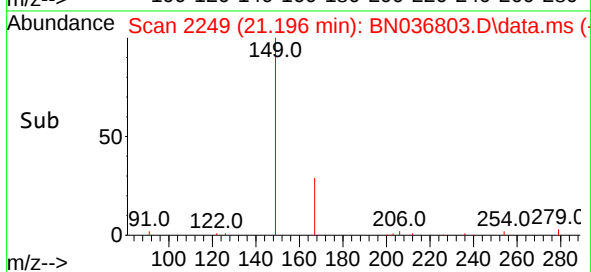
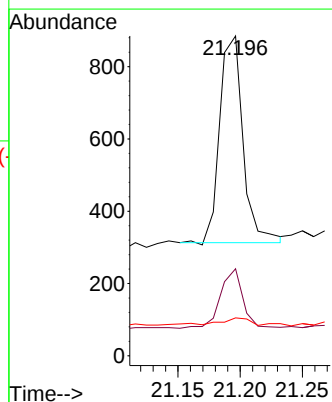
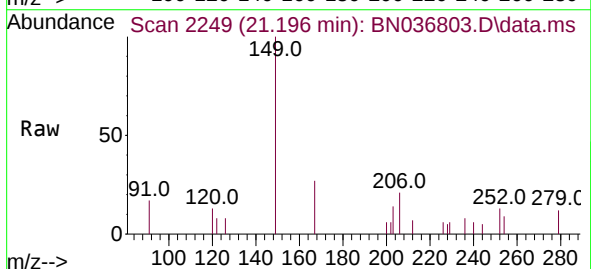


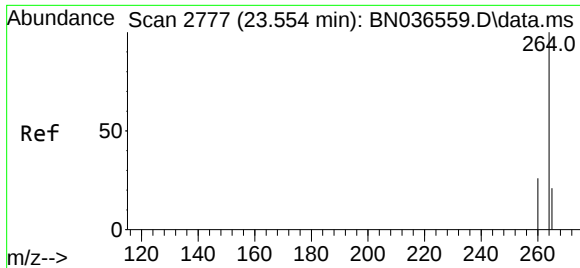
Tgt Ion:244 Resp: 4157
 Ion Ratio Lower Upper
 244 100
 212 12.3 9.6 14.4
 122 17.3 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.077 ng
 RT: 21.196 min Scan# 2249
 Delta R.T. -0.018 min
 Lab File: BN036803.D
 Acq: 29 Mar 2025 09:57

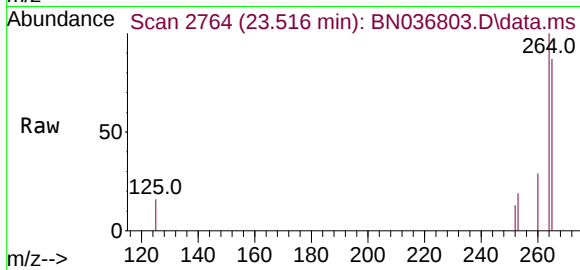
Tgt Ion:149 Resp: 747
 Ion Ratio Lower Upper
 149 100
 167 27.8 20.7 31.1
 279 6.4 3.6 5.4#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.516 min Scan# 21
 Delta R.T. -0.038 min
 Lab File: BN036803.D
 Acq: 29 Mar 2025 09:57

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:264 Resp: 3267
 Ion Ratio Lower Upper
 264 100
 260 28.6 22.6 33.8
 265 86.5 88.1 132.1#

