

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031125\
 Data File : BN036586.D
 Acq On : 11 Mar 2025 17:57
 Operator : RC/JU
 Sample : Q1531-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20250307

Quant Time: Mar 11 18:19:27 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)

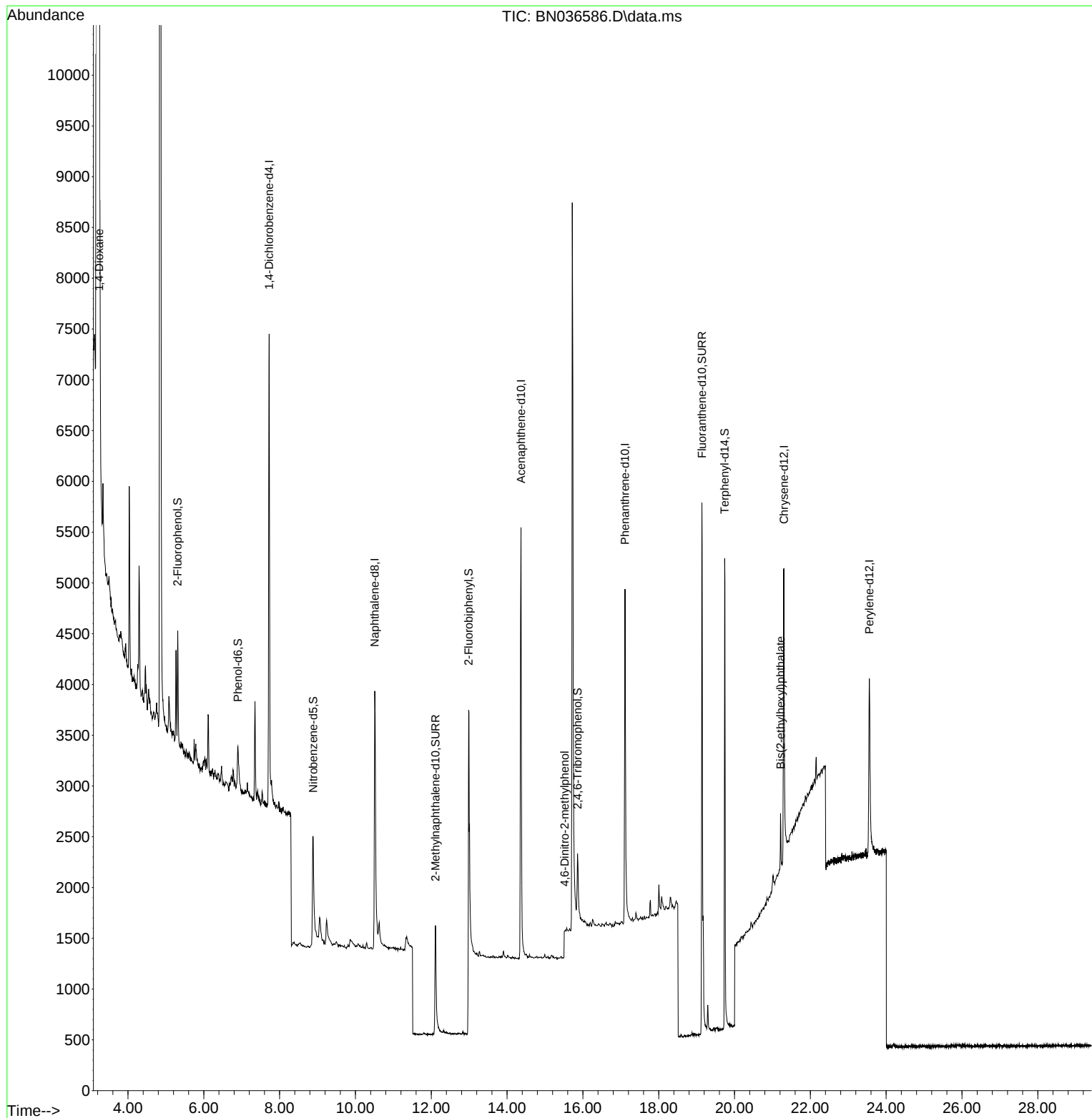
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	2081	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4659	0.400	ng	0.00
13) Acenaphthene-d10	14.366	164	2830	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	5539	0.400	ng	# 0.00
29) Chrysene-d12	21.304	240	3781	0.400	ng	0.00
35) Perylene-d12	23.554	264	3024	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	760	0.157	ng	0.00
5) Phenol-d6	6.901	99	464	0.077	ng	0.00
8) Nitrobenzene-d5	8.886	82	1519	0.300	ng	0.01
11) 2-Methylnaphthalene-d10	12.111	152	2284	0.330	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	482	0.375	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	5327	0.324	ng	0.00
27) Fluoranthene-d10	19.141	212	6651	0.468	ng	0.00
31) Terphenyl-d14	19.740	244	4730	0.522	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.239	88	21171	9.171	ng	99
20) 4,6-Dinitro-2-methylph...	15.523	198	14	0.156	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.214	149	600	0.064	ng	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031125\
Data File : BN036586.D
Acq On : 11 Mar 2025 17:57
Operator : RC/JU
Sample : Q1531-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE125D2-20250307

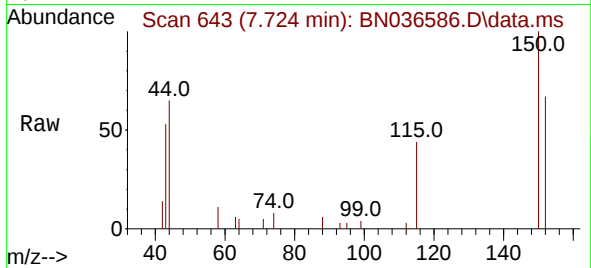
Quant Time: Mar 11 18:19:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration



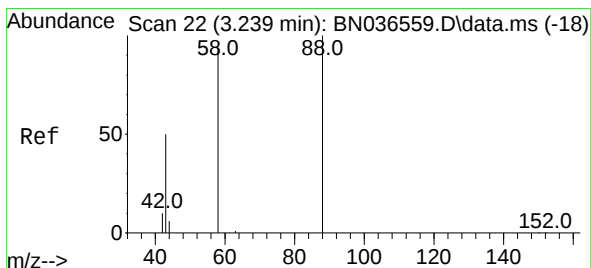
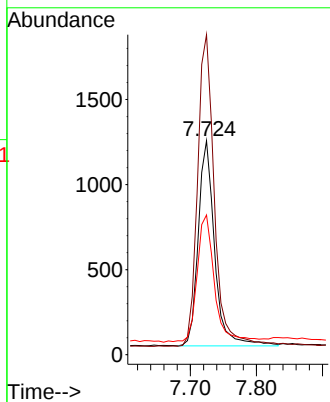
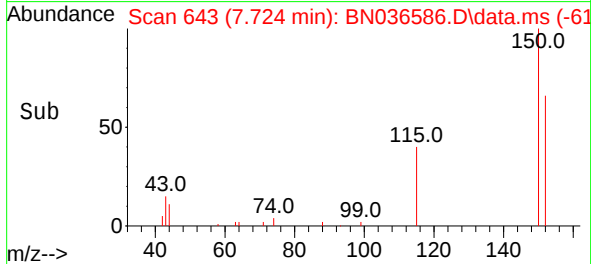


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN036586.D
 Acq: 11 Mar 2025 17:57

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20250307

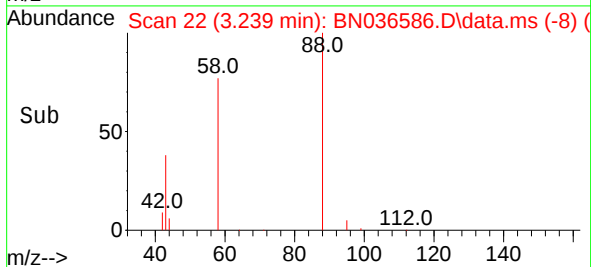
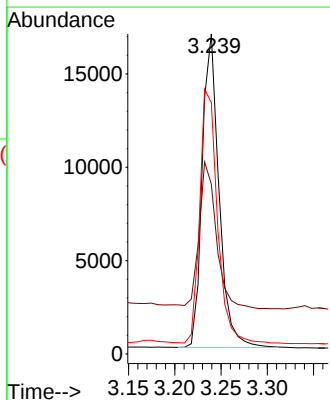
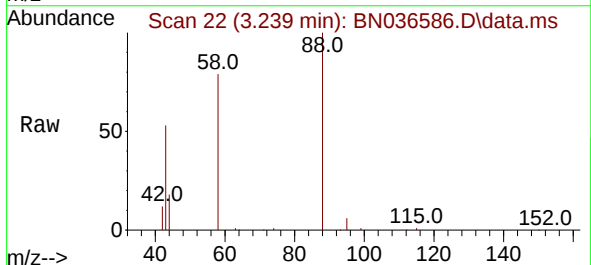


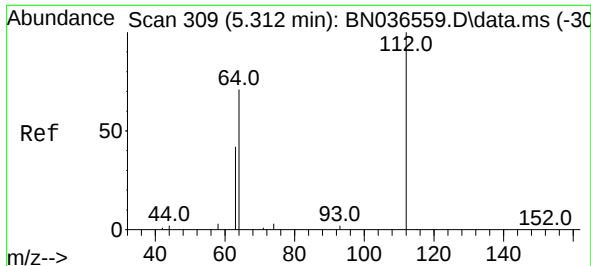
Tgt Ion:152 Resp: 2081
 Ion Ratio Lower Upper
 152 100
 150 149.5 123.7 185.5
 115 65.3 54.3 81.5



#2
 1,4-Dioxane
 Concen: 9.171 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN036586.D
 Acq: 11 Mar 2025 17:57

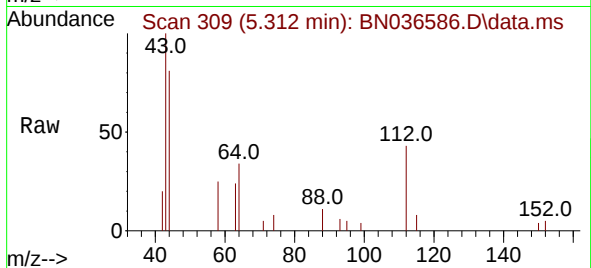
Tgt Ion: 88 Resp: 21171
 Ion Ratio Lower Upper
 88 100
 43 48.2 37.8 56.8
 58 85.3 67.4 101.2



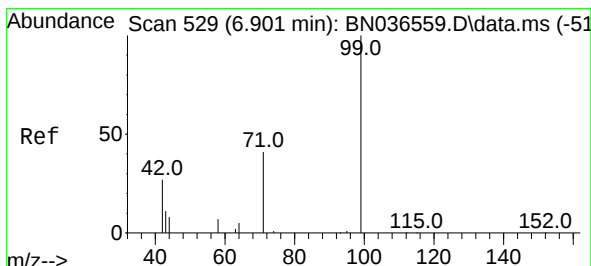
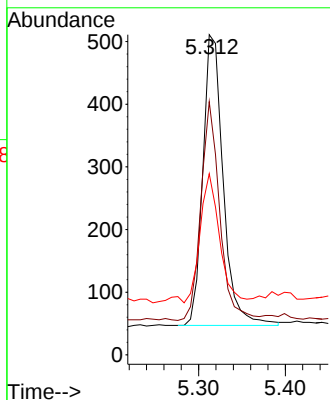
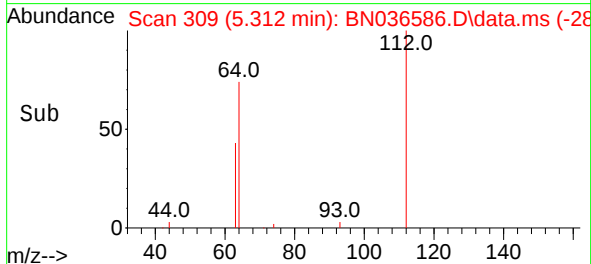


#4
2-Fluorophenol
Concen: 0.157 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN036586.D
Acq: 11 Mar 2025 17:57

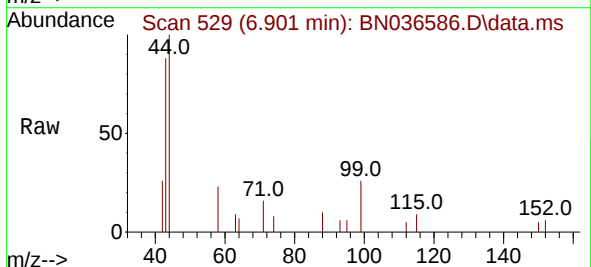
Instrument :
BNA_N
ClientSampleId :
RE125D2-20250307



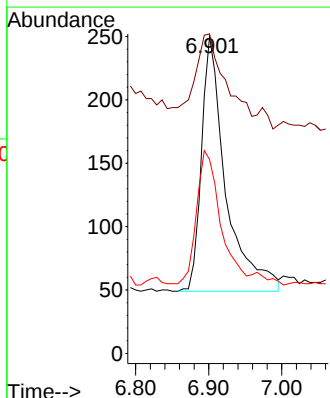
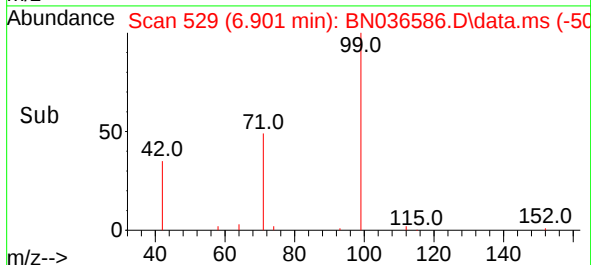
Tgt Ion:112 Resp: 760
Ion Ratio Lower Upper
112 100
64 69.3 53.1 79.7
63 43.4 31.8 47.8

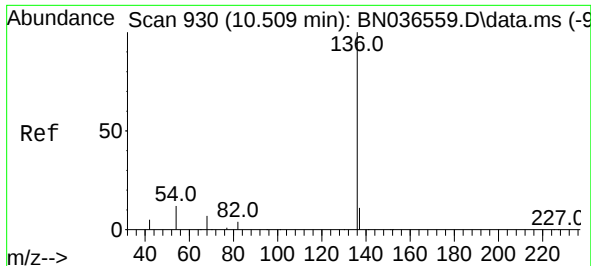


#5
Phenol-d6
Concen: 0.077 ng
RT: 6.901 min Scan# 529
Delta R.T. 0.000 min
Lab File: BN036586.D
Acq: 11 Mar 2025 17:57



Tgt Ion: 99 Resp: 464
Ion Ratio Lower Upper
99 100
42 39.9 26.5 39.7#
71 56.5 34.1 51.1#

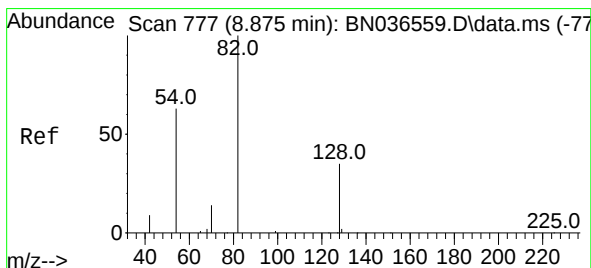
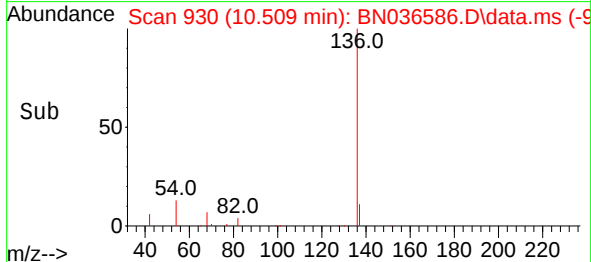
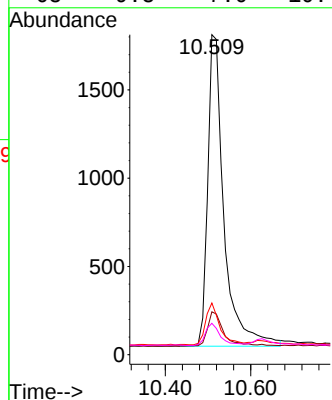
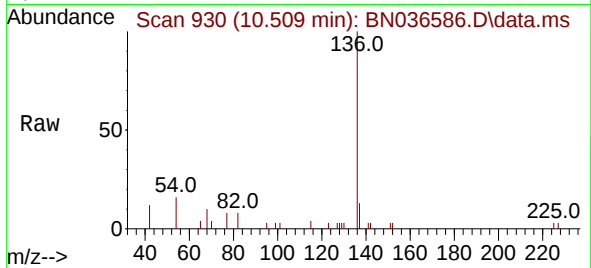




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN036586.D
Acq: 11 Mar 2025 17:57

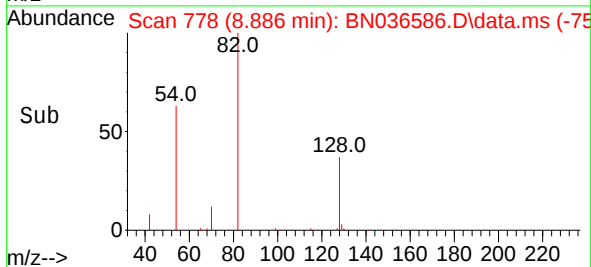
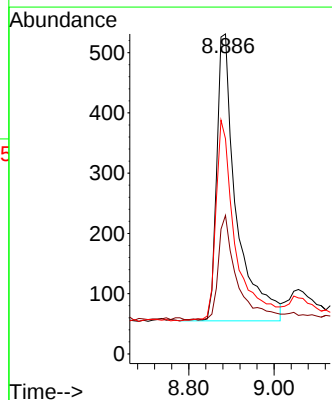
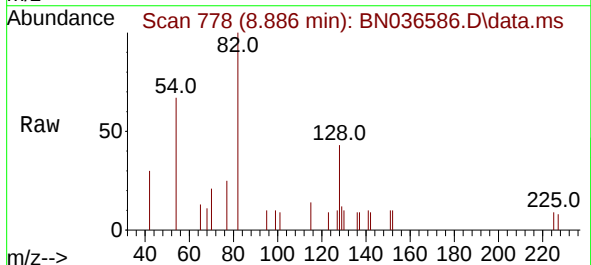
Instrument :
BNA_N
ClientSampleId :
RE125D2-20250307

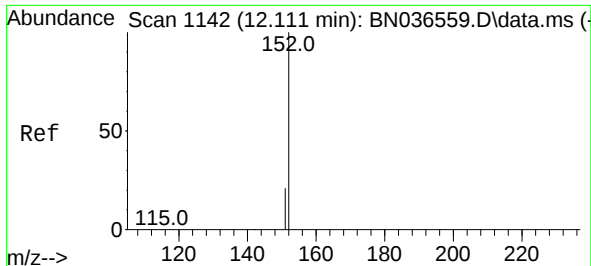
Tgt Ion:	136	Resp:	4659
Ion	Ratio	Lower	Upper
136	100		
137	13.4	10.3	15.5
54	16.2	11.5	17.3
68	9.8	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.300 ng
RT: 8.886 min Scan# 778
Delta R.T. 0.011 min
Lab File: BN036586.D
Acq: 11 Mar 2025 17:57

Tgt Ion:	82	Resp:	1519
Ion	Ratio	Lower	Upper
82	100		
128	43.3	30.6	45.8
54	67.2	52.2	78.4

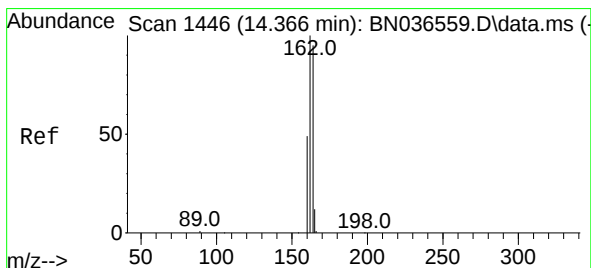
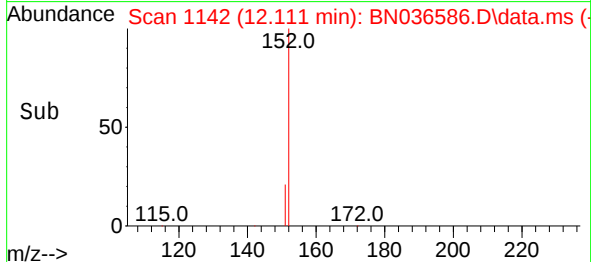
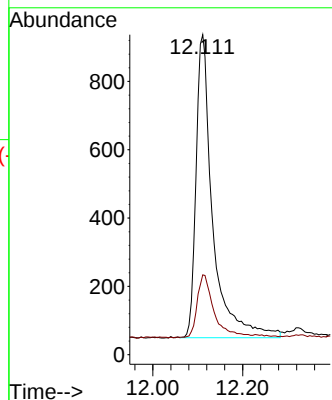
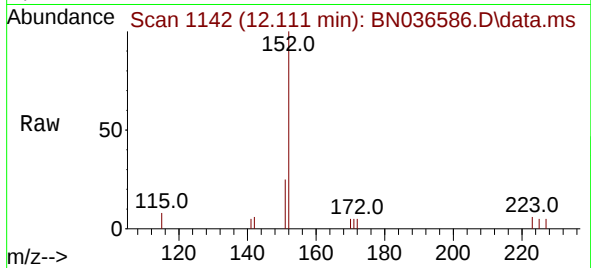




#11
2-Methylnaphthalene-d10
Concen: 0.330 ng
RT: 12.111 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BN036586.D
Acq: 11 Mar 2025 17:57

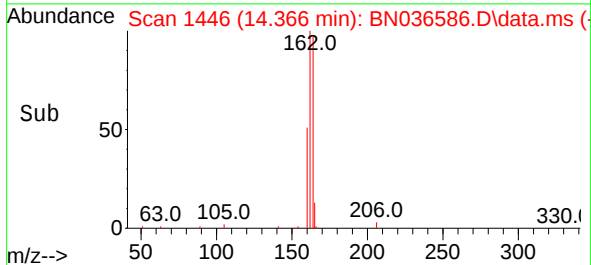
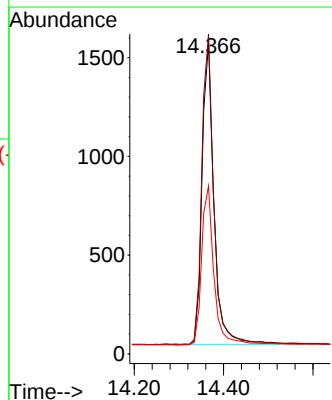
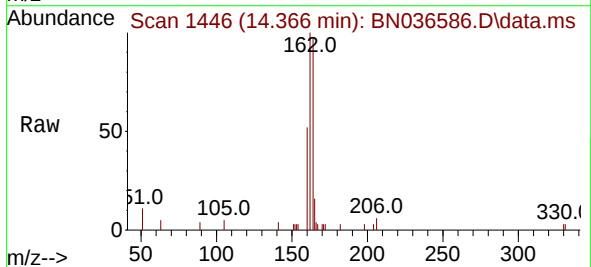
Instrument :
BNA_N
ClientSampleId :
RE125D2-20250307

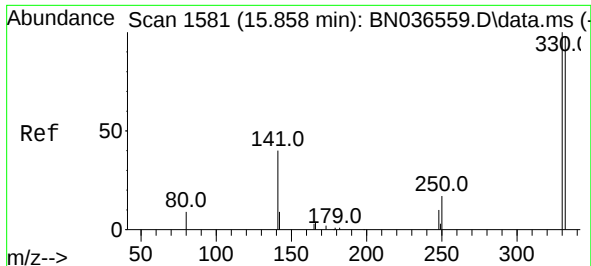
Tgt Ion:152 Resp: 2284
Ion Ratio Lower Upper
152 100
151 20.6 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.366 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BN036586.D
Acq: 11 Mar 2025 17:57

Tgt Ion:164 Resp: 2830
Ion Ratio Lower Upper
164 100
162 102.9 84.2 126.2
160 54.0 42.2 63.2





#14

2,4,6-Tribromophenol

Concen: 0.375 ng

RT: 15.858 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BN036586.D

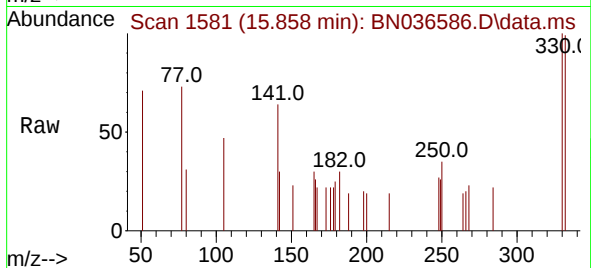
Acq: 11 Mar 2025 17:57

Instrument :

BNA_N

ClientSampleId :

RE125D2-20250307



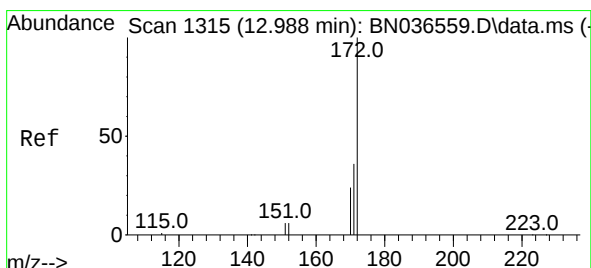
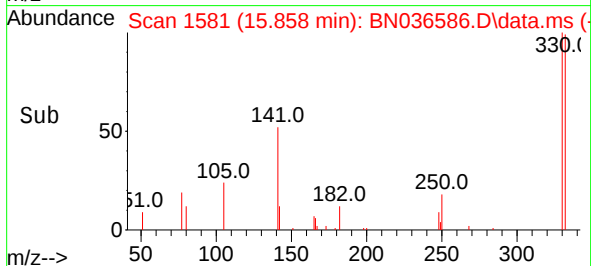
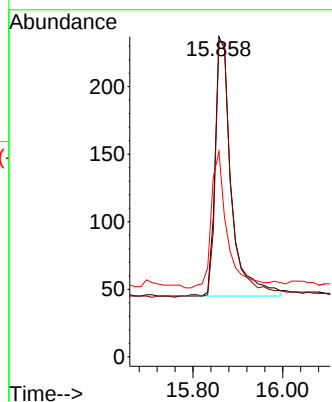
Tgt Ion:330 Resp: 482

Ion Ratio Lower Upper

330 100

332 95.9 75.2 112.8

141 51.7 43.4 65.2



#15

2-Fluorobiphenyl

Concen: 0.324 ng

RT: 12.988 min Scan# 1315

Delta R.T. 0.000 min

Lab File: BN036586.D

Acq: 11 Mar 2025 17:57

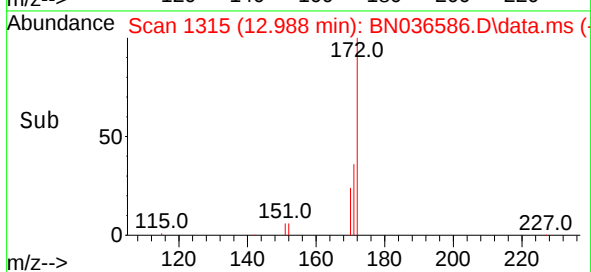
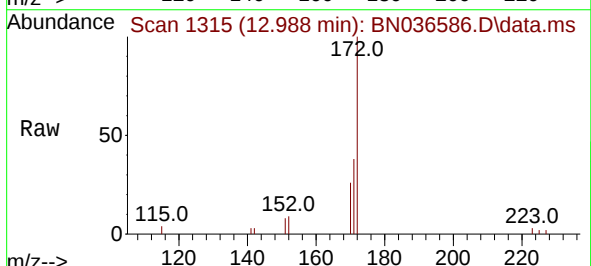
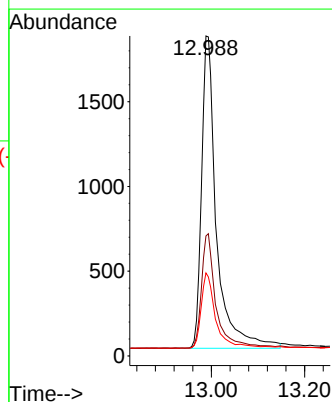
Tgt Ion:172 Resp: 5327

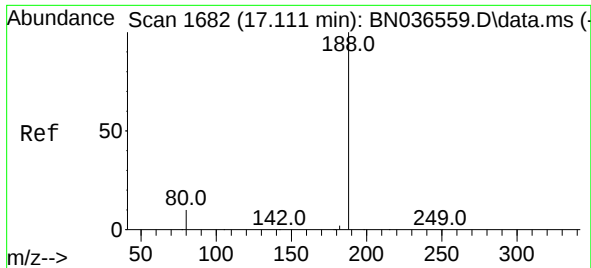
Ion Ratio Lower Upper

172 100

171 37.5 29.5 44.3

170 26.0 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: BN036586.D

Acq: 11 Mar 2025 17:57

Instrument :

BNA_N

ClientSampleId :

RE125D2-20250307

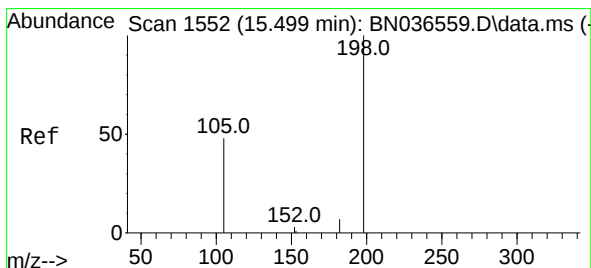
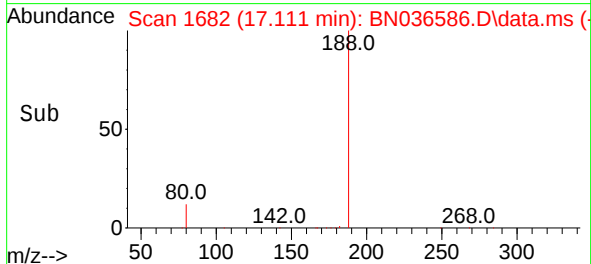
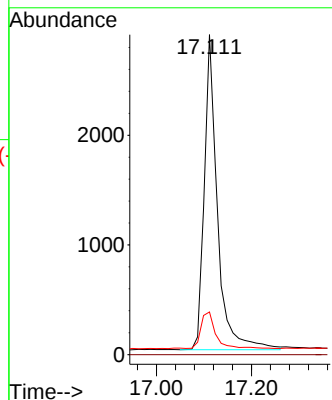
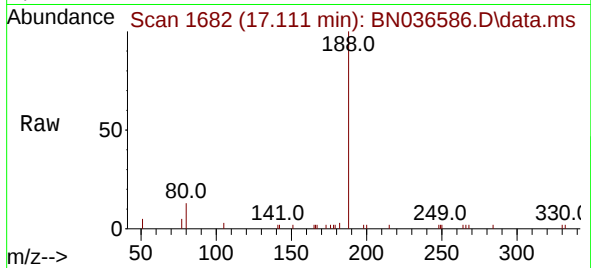
Tgt Ion:188 Resp: 5539

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.3 8.8 13.2#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.156 ng

RT: 15.523 min Scan# 1554

Delta R.T. 0.024 min

Lab File: BN036586.D

Acq: 11 Mar 2025 17:57

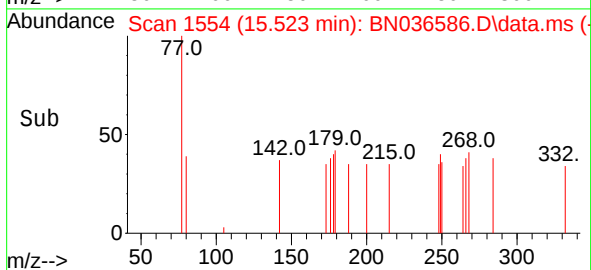
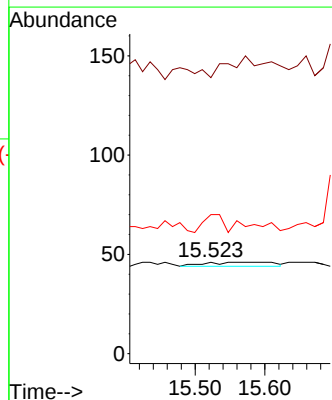
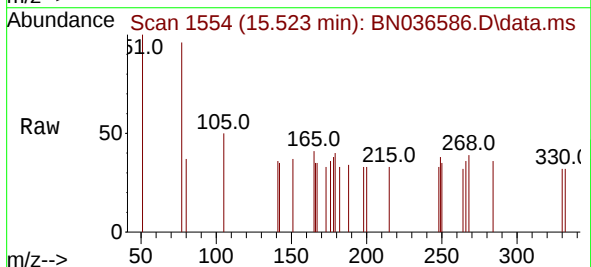
Tgt Ion:198 Resp: 14

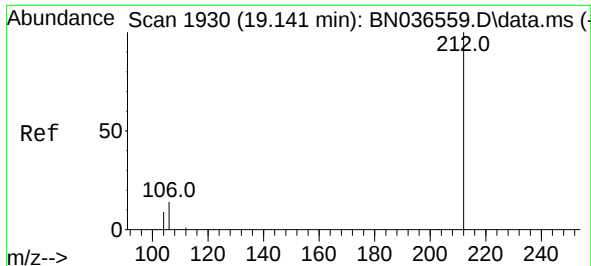
Ion Ratio Lower Upper

198 100

51 302.2 107.9 161.9#

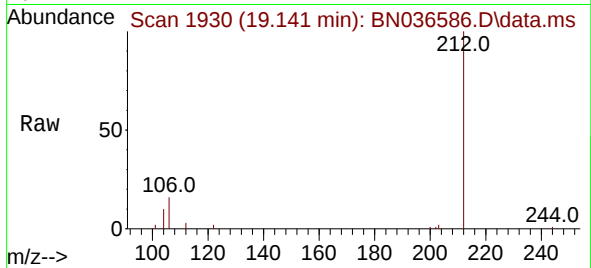
105 152.2 56.2 84.2#



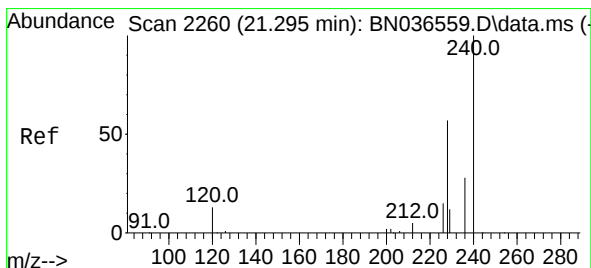
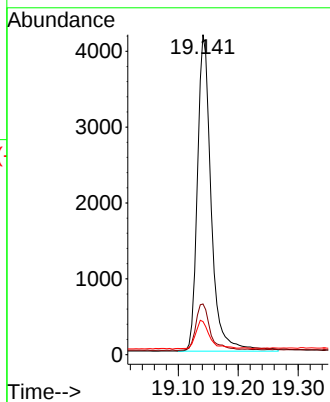
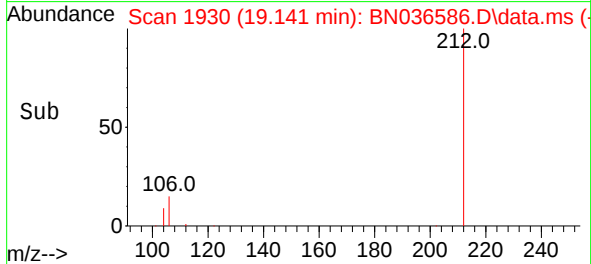


#27
Fluoranthene-d10
Concen: 0.468 ng
RT: 19.141 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BN036586.D
Acq: 11 Mar 2025 17:57

Instrument :
BNA_N
ClientSampleId :
RE125D2-20250307

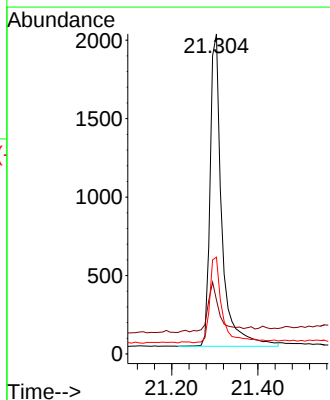
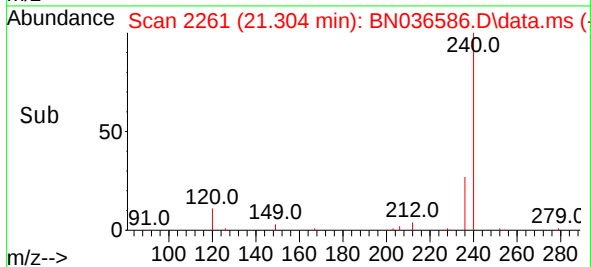
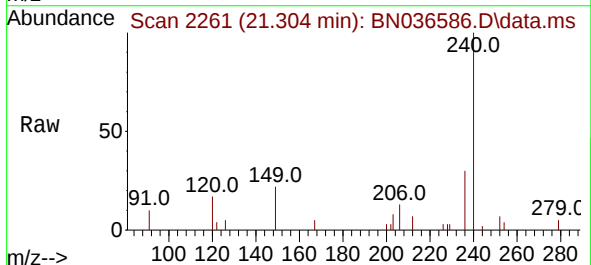


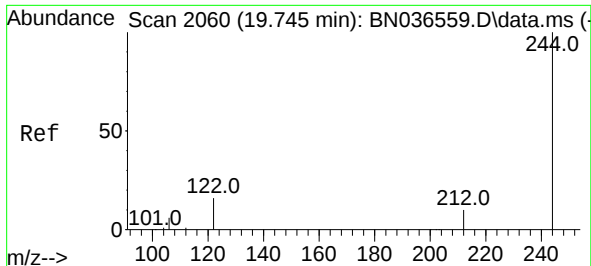
Tgt Ion:212 Resp: 6651
Ion Ratio Lower Upper
212 100
106 15.8 11.8 17.6
104 9.4 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.304 min Scan# 2261
Delta R.T. 0.009 min
Lab File: BN036586.D
Acq: 11 Mar 2025 17:57

Tgt Ion:240 Resp: 3781
Ion Ratio Lower Upper
240 100
120 16.9 14.6 22.0
236 30.2 24.1 36.1

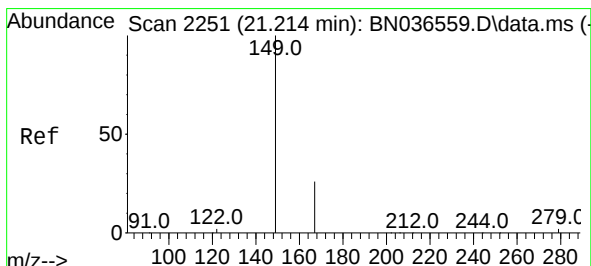
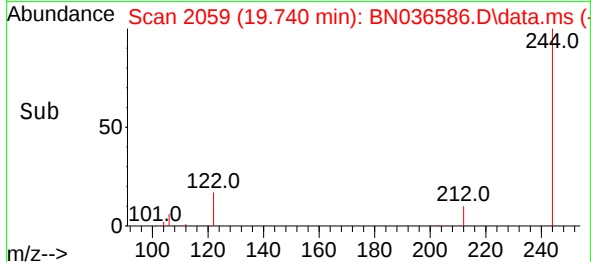
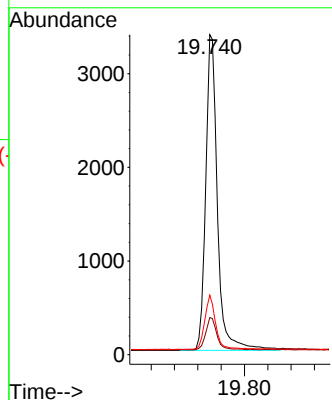
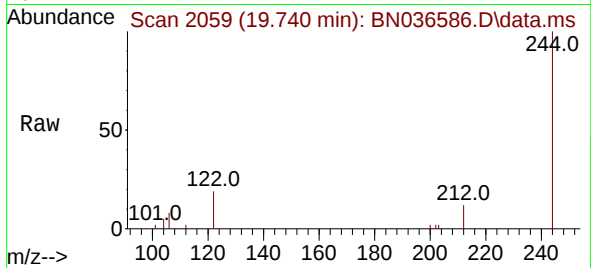




#31
 Terphenyl-d14
 Concen: 0.522 ng
 RT: 19.740 min Scan# 2060
 Delta R.T. -0.004 min
 Lab File: BN036586.D
 Acq: 11 Mar 2025 17:57

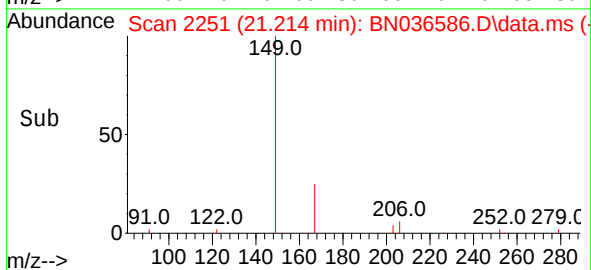
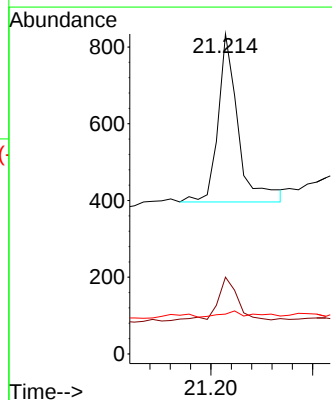
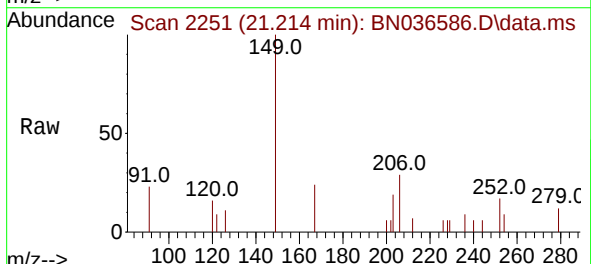
Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20250307

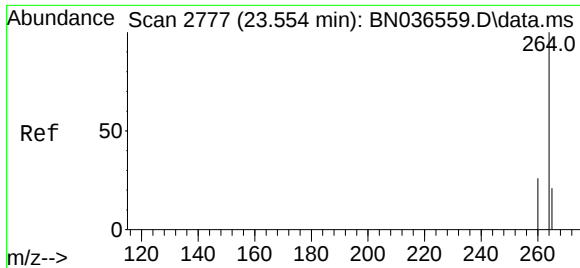
Tgt Ion:244 Resp: 4730
 Ion Ratio Lower Upper
 244 100
 212 11.6 9.6 14.4
 122 18.6 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.064 ng
 RT: 21.214 min Scan# 2251
 Delta R.T. 0.000 min
 Lab File: BN036586.D
 Acq: 11 Mar 2025 17:57

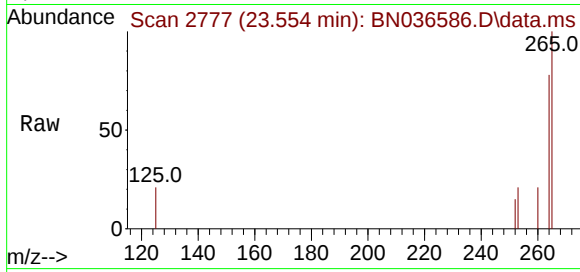
Tgt Ion:149 Resp: 600
 Ion Ratio Lower Upper
 149 100
 167 23.7 20.7 31.1
 279 4.3 3.6 5.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.554 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN036586.D
Acq: 11 Mar 2025 17:57

Instrument :
BNA_N
ClientSampleId :
RE125D2-20250307



Tgt Ion:	264	Resp:	3024
Ion	Ratio	Lower	Upper
264	100		
260	26.6	22.6	33.8
265	128.3	88.1	132.1

