

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031125\
 Data File : BN036584.D
 Acq On : 11 Mar 2025 16:44
 Operator : RC/JU
 Sample : Q1531-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20250306

Quant Time: Mar 11 17:07:44 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)

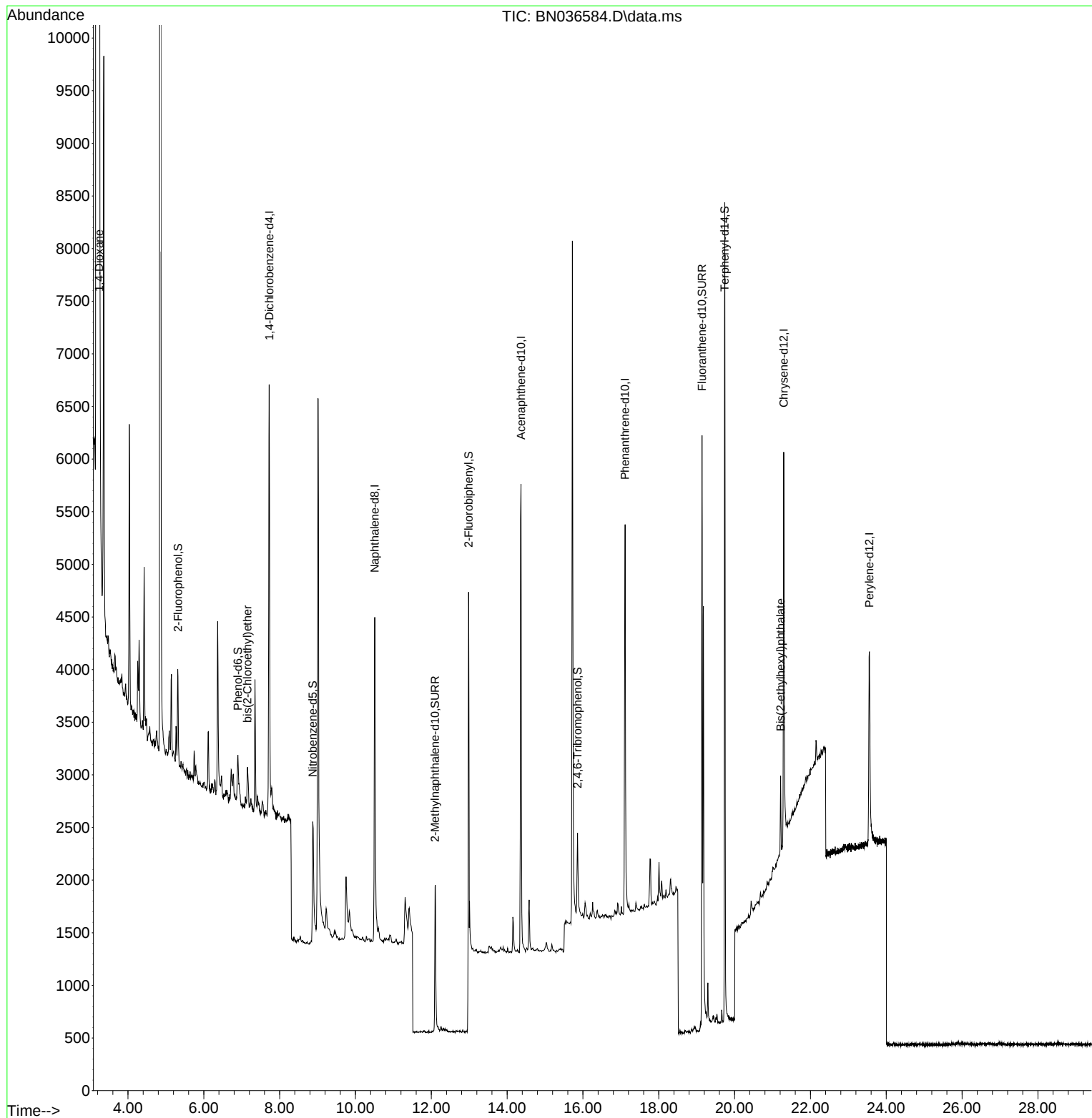
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	1950	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4552	0.400	ng	0.00
13) Acenaphthene-d10	14.366	164	2777	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	5693	0.400	ng	0.00
29) Chrysene-d12	21.295	240	3977	0.400	ng	0.00
35) Perylene-d12	23.554	264	3124	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	684	0.151	ng	0.00
5) Phenol-d6	6.901	99	435	0.077	ng	0.00
8) Nitrobenzene-d5	8.875	82	1368	0.276	ng	0.00
11) 2-Methylnaphthalene-d10	12.101	152	2278	0.336	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	499	0.396	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	5847	0.362	ng	0.00
27) Fluoranthene-d10	19.141	212	6661	0.457	ng	0.00
31) Terphenyl-d14	19.740	244	7515	0.789	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	12148	5.616	ng	97
6) bis(2-Chloroethyl)ether	7.154	93	267	0.046	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.214	149	757	0.077	ng	# 97

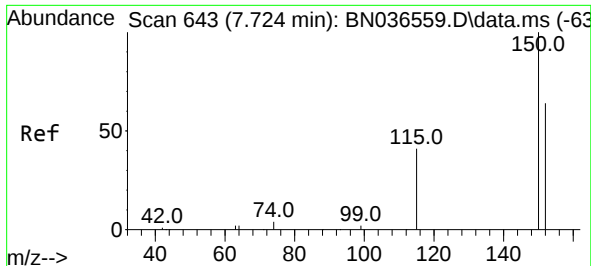
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031125\
Data File : BN036584.D
Acq On : 11 Mar 2025 16:44
Operator : RC/JU
Sample : Q1531-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE105D2-20250306

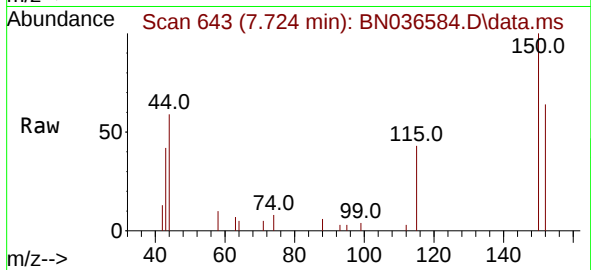
Quant Time: Mar 11 17:07:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration



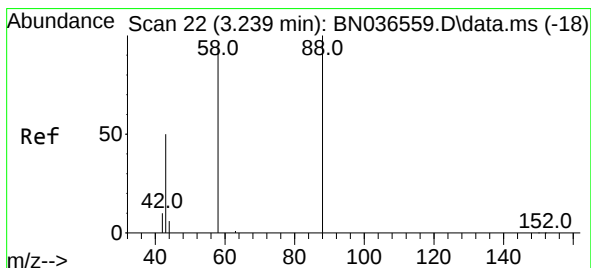
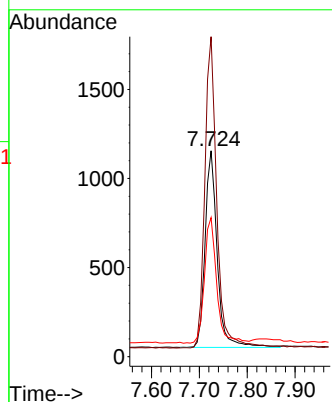
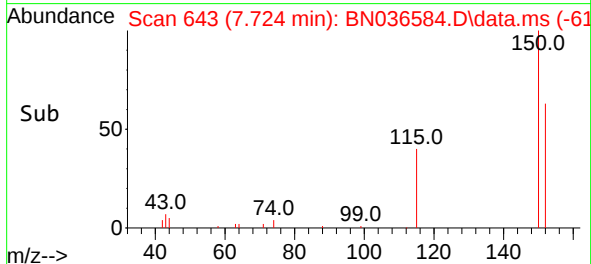


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN036584.D
 Acq: 11 Mar 2025 16:44

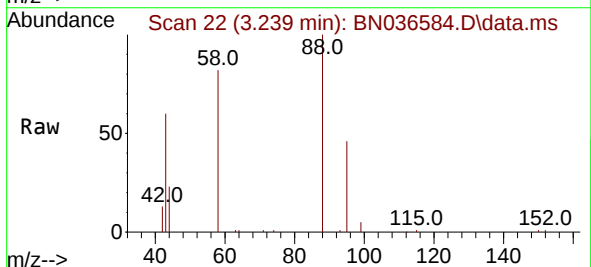
Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20250306



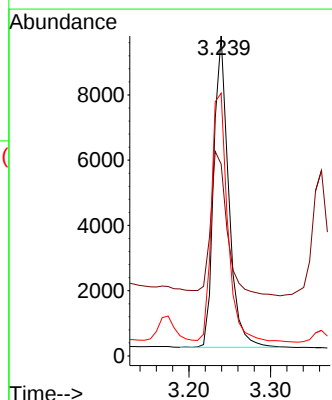
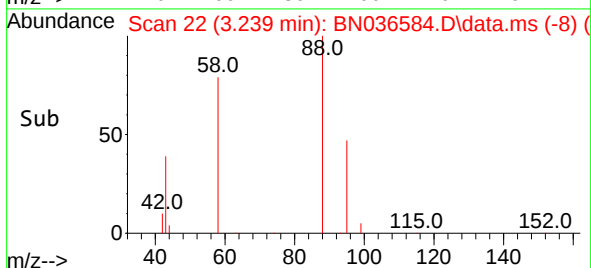
Tgt Ion:152 Resp: 1950
 Ion Ratio Lower Upper
 152 100
 150 155.4 123.7 185.5
 115 67.5 54.3 81.5

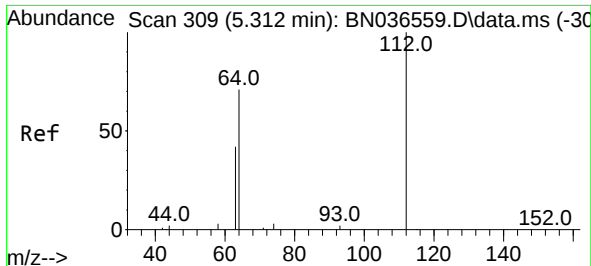


#2
 1,4-Dioxane
 Concen: 5.616 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN036584.D
 Acq: 11 Mar 2025 16:44



Tgt Ion: 88 Resp: 12148
 Ion Ratio Lower Upper
 88 100
 43 50.9 37.8 56.8
 58 85.4 67.4 101.2

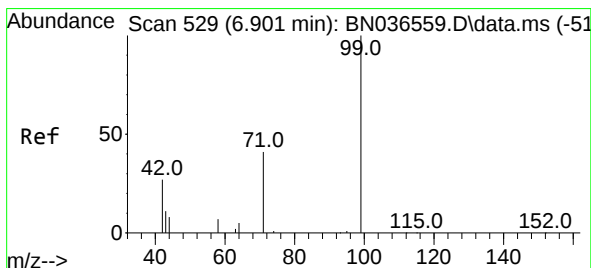
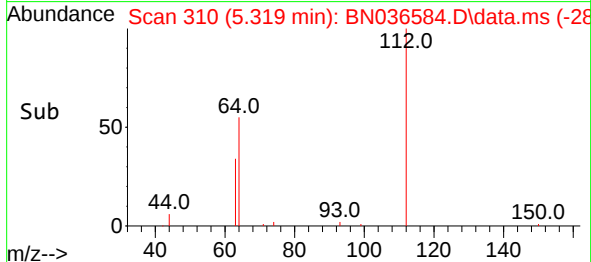
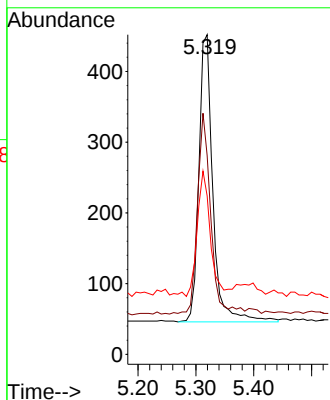
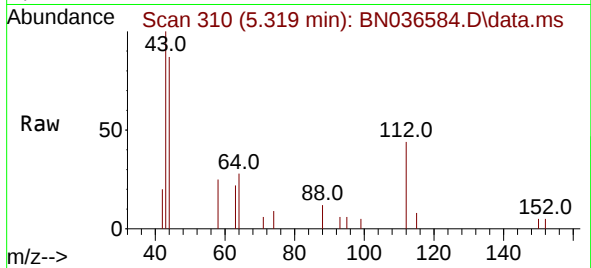




#4
2-Fluorophenol
Concen: 0.151 ng
RT: 5.319 min Scan# 310
Delta R.T. 0.007 min
Lab File: BN036584.D
Acq: 11 Mar 2025 16:44

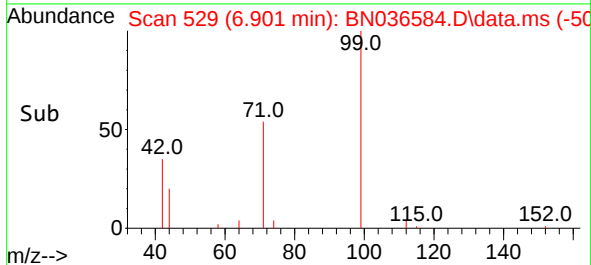
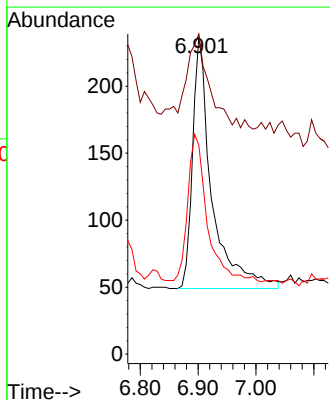
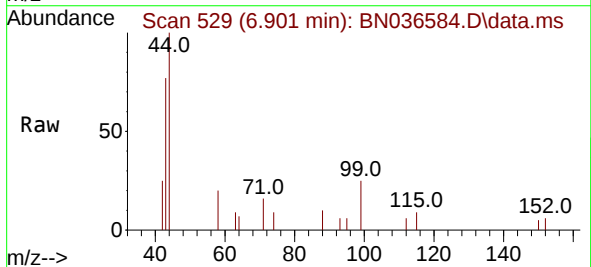
Instrument :
BNA_N
ClientSampleId :
RE105D2-20250306

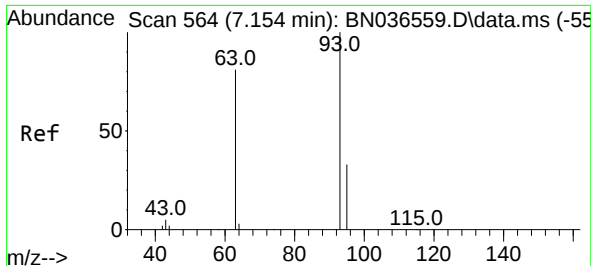
Tgt Ion:112 Resp: 684
Ion Ratio Lower Upper
112 100
64 65.9 53.1 79.7
63 40.4 31.8 47.8



#5
Phenol-d6
Concen: 0.077 ng
RT: 6.901 min Scan# 529
Delta R.T. 0.000 min
Lab File: BN036584.D
Acq: 11 Mar 2025 16:44

Tgt Ion: 99 Resp: 435
Ion Ratio Lower Upper
99 100
42 44.1 26.5 39.7#
71 60.0 34.1 51.1#

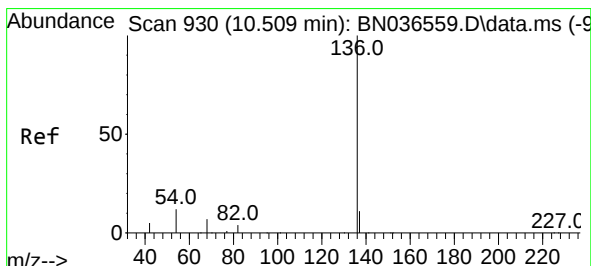
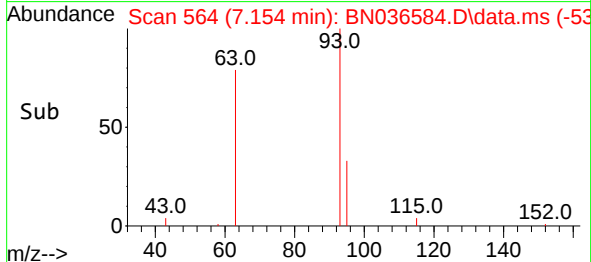
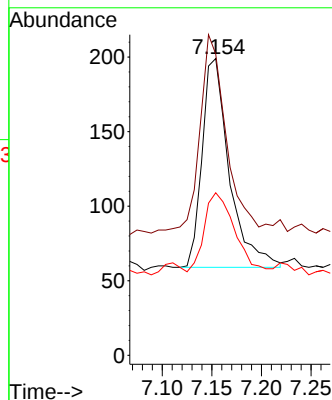
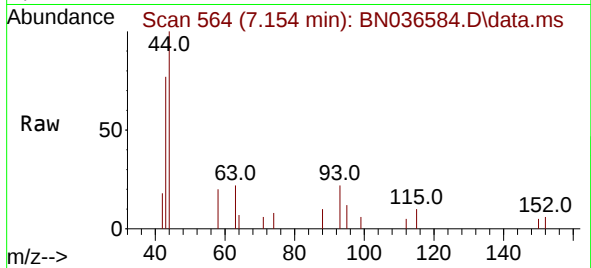




#6
bis(2-Chloroethyl)ether
Concen: 0.046 ng
RT: 7.154 min Scan# 564
Delta R.T. 0.000 min
Lab File: BN036584.D
Acq: 11 Mar 2025 16:44

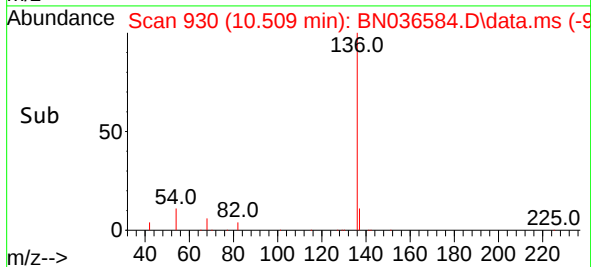
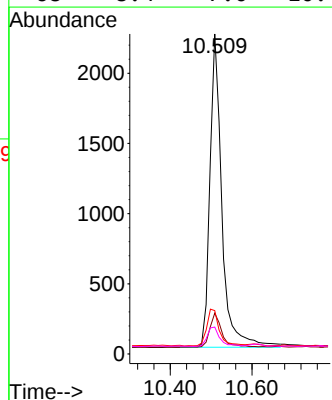
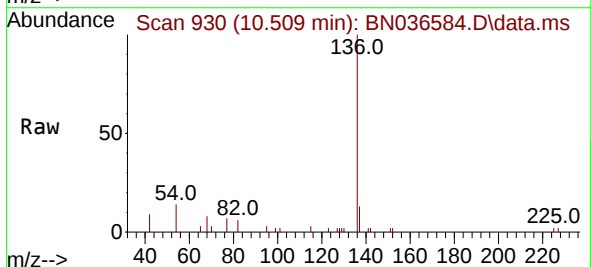
Instrument :
BNA_N
ClientSampleId :
RE105D2-20250306

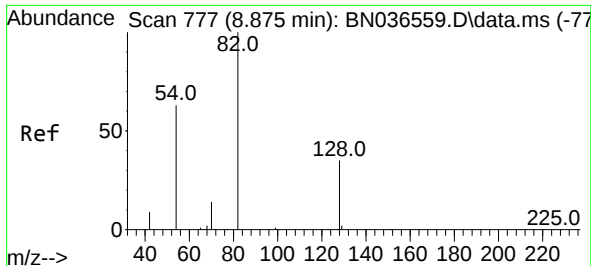
Tgt Ion: 93 Resp: 267
Ion Ratio Lower Upper
93 100
63 93.6 67.7 101.5
95 42.3 25.6 38.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN036584.D
Acq: 11 Mar 2025 16:44

Tgt Ion:136 Resp: 4552
Ion Ratio Lower Upper
136 100
137 12.8 10.3 15.5
54 13.6 11.5 17.3
68 8.4 7.0 10.4

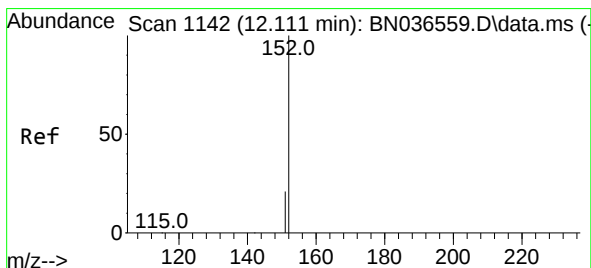
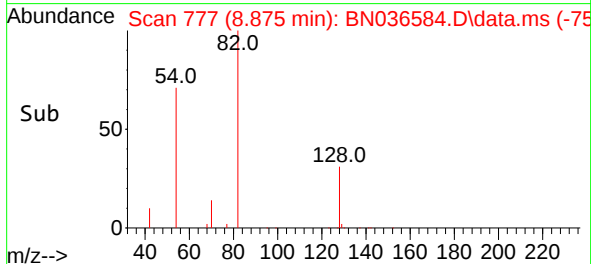
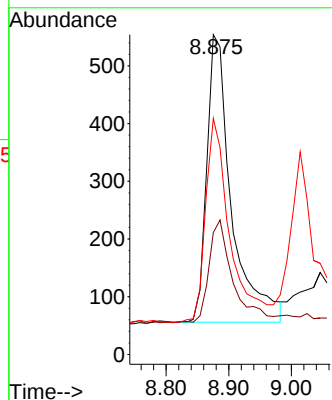
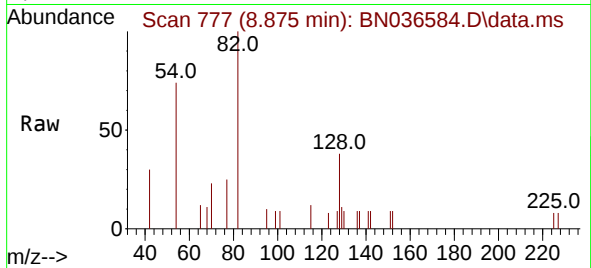




#8
 Nitrobenzene-d5
 Concen: 0.276 ng
 RT: 8.875 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN036584.D
 Acq: 11 Mar 2025 16:44

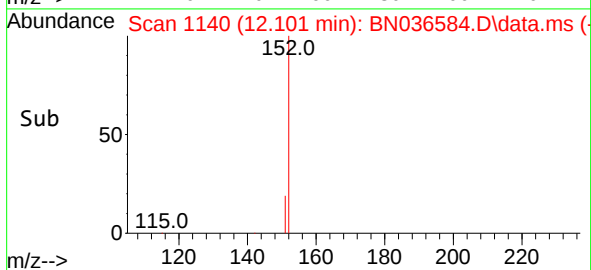
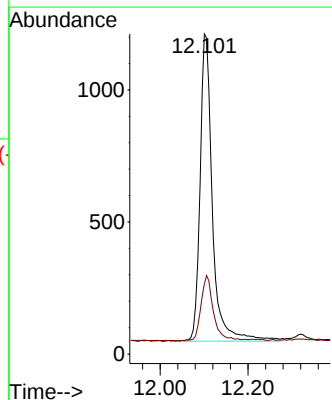
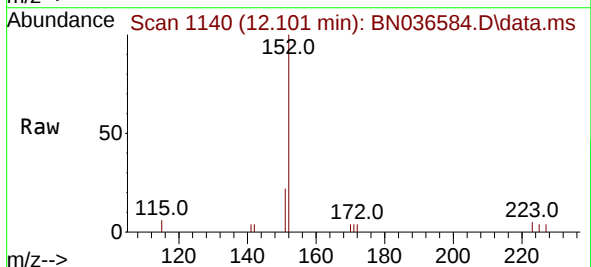
Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20250306

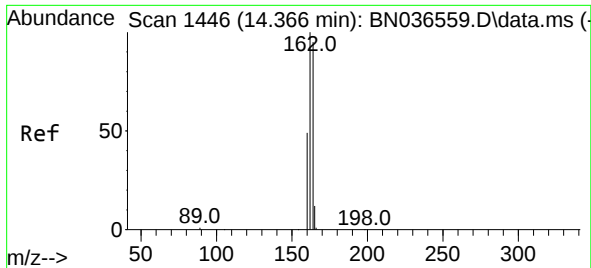
Tgt Ion:	82	Resp:	1368
Ion	Ratio	Lower	Upper
82	100		
128	38.1	30.6	45.8
54	73.8	52.2	78.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.336 ng
 RT: 12.101 min Scan# 1140
 Delta R.T. -0.010 min
 Lab File: BN036584.D
 Acq: 11 Mar 2025 16:44

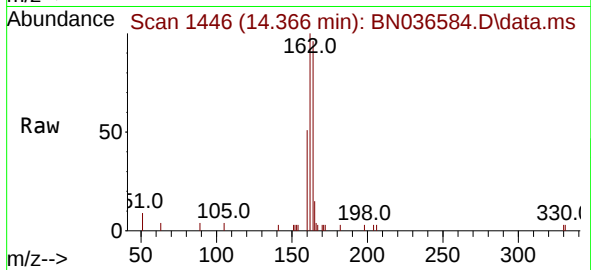
Tgt Ion:	152	Resp:	2278
Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.0	25.6



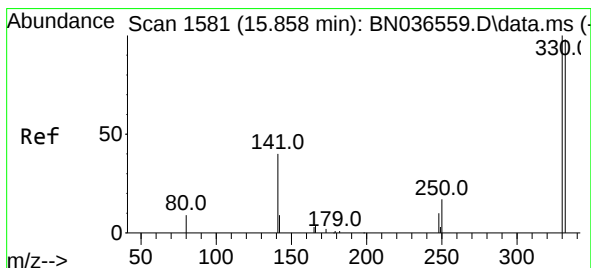
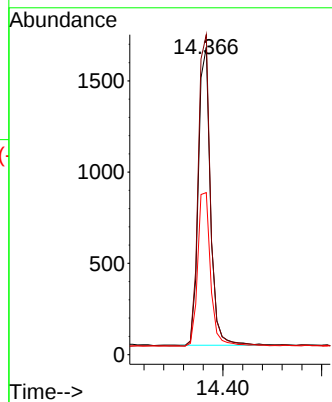
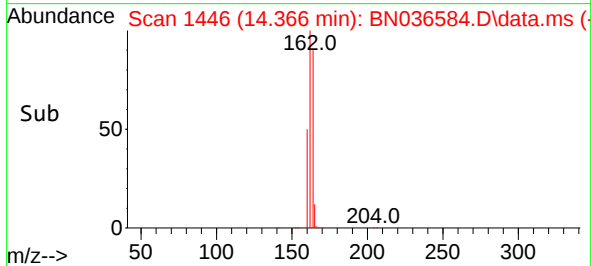


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.366 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BN036584.D
Acq: 11 Mar 2025 16:44

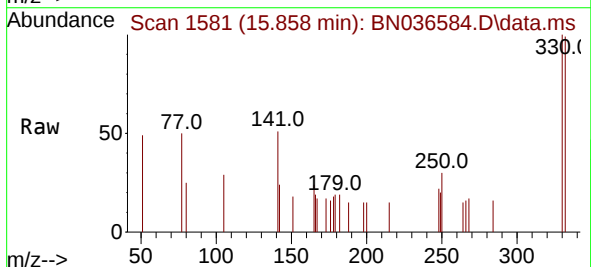
Instrument :
BNA_N
ClientSampleId :
RE105D2-20250306



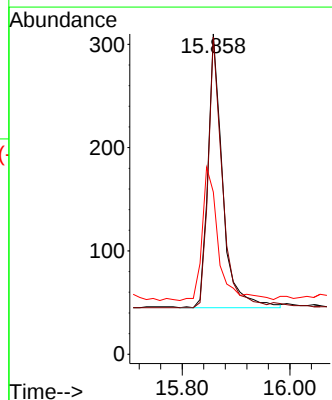
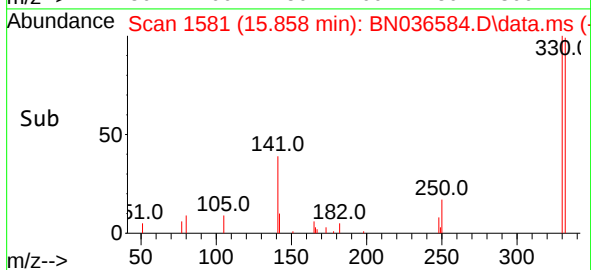
Tgt Ion:164 Resp: 2777
Ion Ratio Lower Upper
164 100
162 104.1 84.2 126.2
160 52.7 42.2 63.2

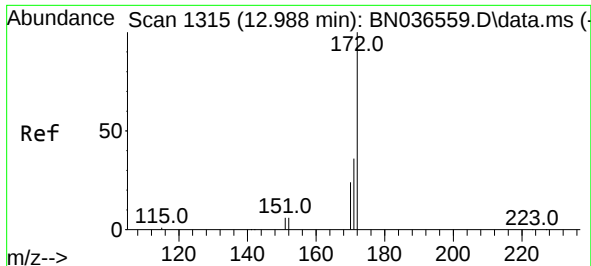


#14
2,4,6-Tribromophenol
Concen: 0.396 ng
RT: 15.858 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BN036584.D
Acq: 11 Mar 2025 16:44



Tgt Ion:330 Resp: 499
Ion Ratio Lower Upper
330 100
332 95.6 75.2 112.8
141 53.7 43.4 65.2

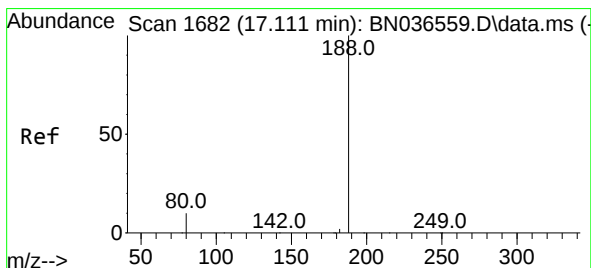
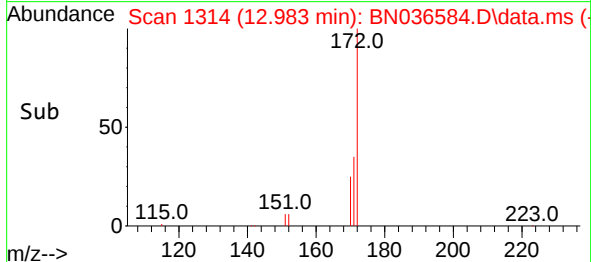
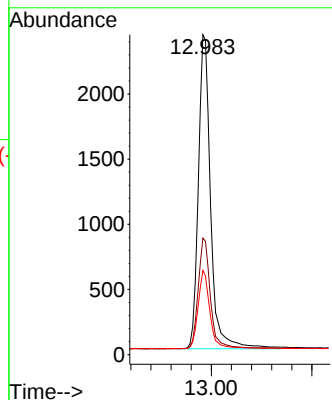
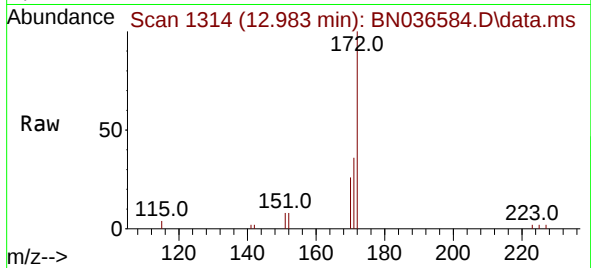




#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 12.983 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN036584.D
Acq: 11 Mar 2025 16:44

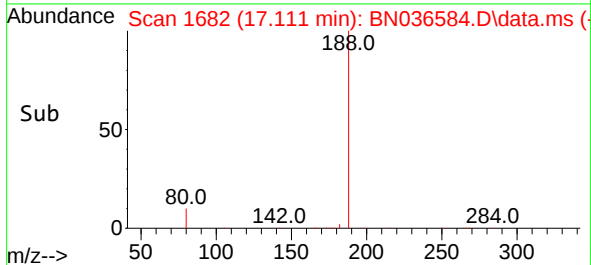
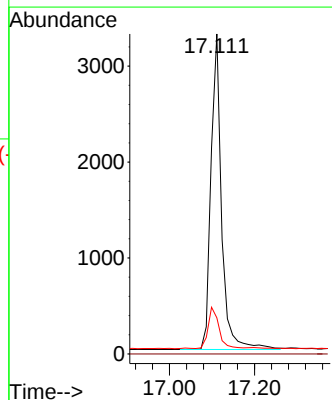
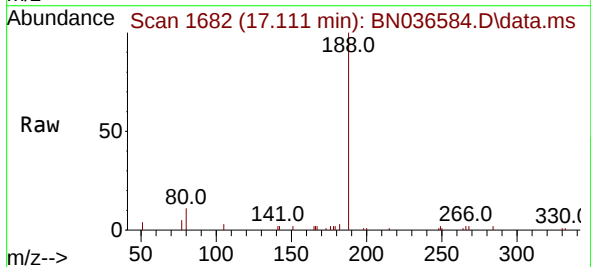
Instrument :
BNA_N
ClientSampleId :
RE105D2-20250306

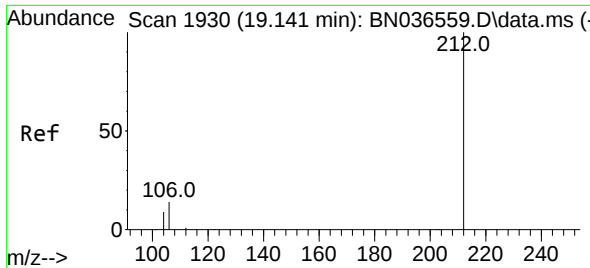
Tgt Ion:172 Resp: 5847
Ion Ratio Lower Upper
172 100
171 36.4 29.5 44.3
170 26.3 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.111 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN036584.D
Acq: 11 Mar 2025 16:44

Tgt Ion:188 Resp: 5693
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.3 8.8 13.2

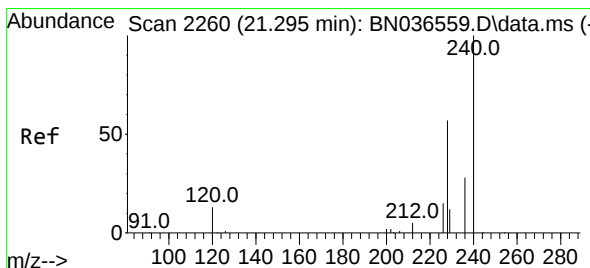
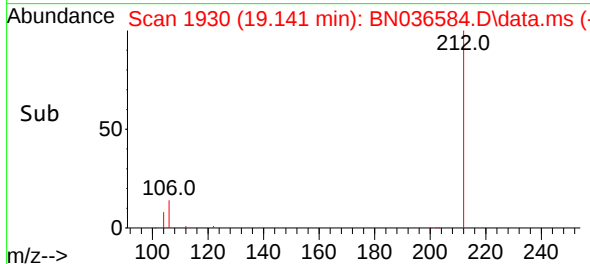
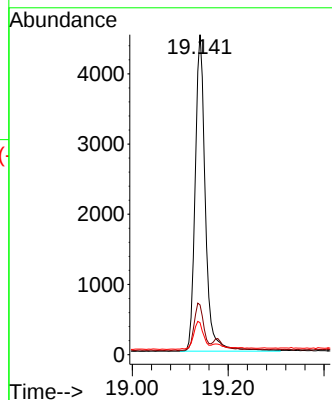
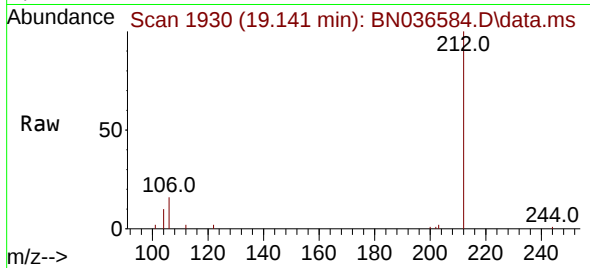




#27
Fluoranthene-d10
Concen: 0.457 ng
RT: 19.141 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BN036584.D
Acq: 11 Mar 2025 16:44

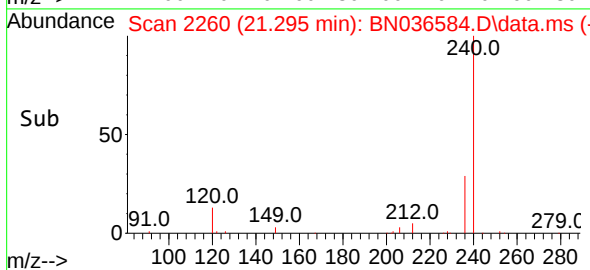
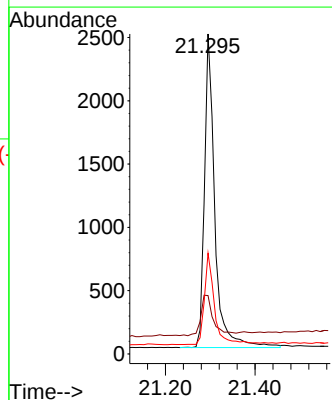
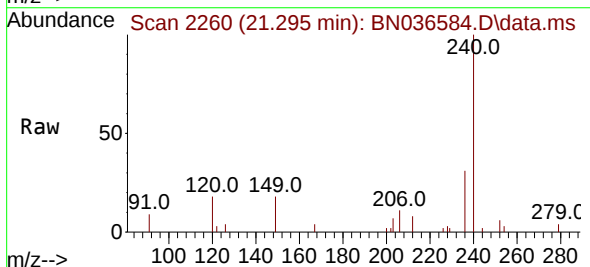
Instrument :
BNA_N
ClientSampleId :
RE105D2-20250306

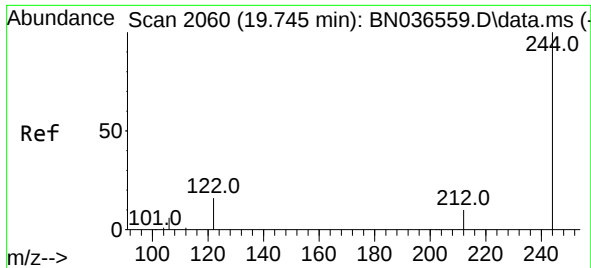
Tgt Ion:212 Resp: 6661
Ion Ratio Lower Upper
212 100
106 14.4 11.8 17.6
104 8.7 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN036584.D
Acq: 11 Mar 2025 16:44

Tgt Ion:240 Resp: 3977
Ion Ratio Lower Upper
240 100
120 18.2 14.6 22.0
236 31.5 24.1 36.1

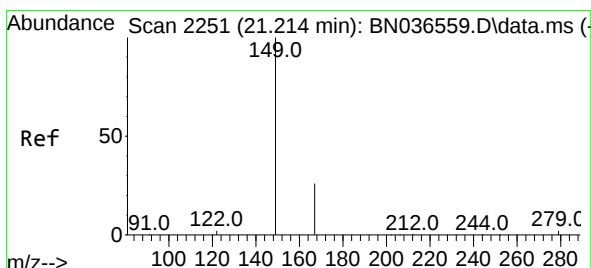
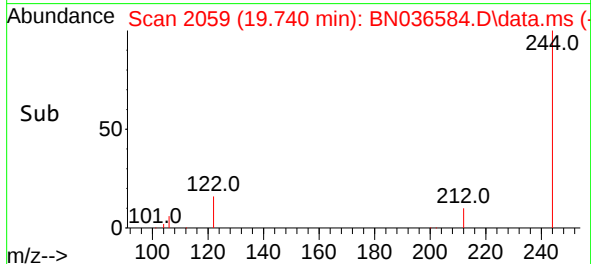
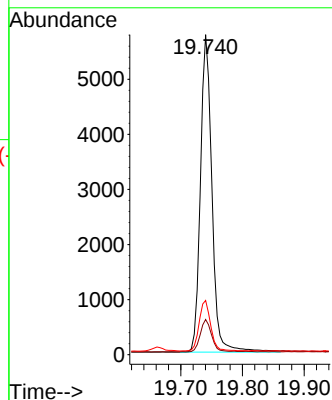
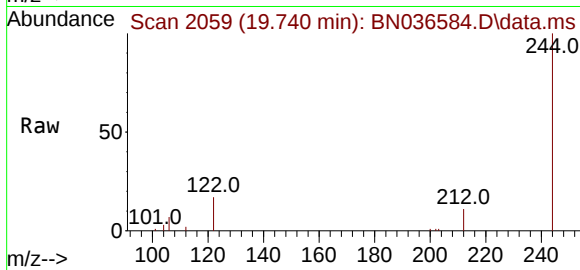




#31
 Terphenyl-d14
 Concen: 0.789 ng
 RT: 19.740 min Scan# 2060
 Delta R.T. -0.004 min
 Lab File: BN036584.D
 Acq: 11 Mar 2025 16:44

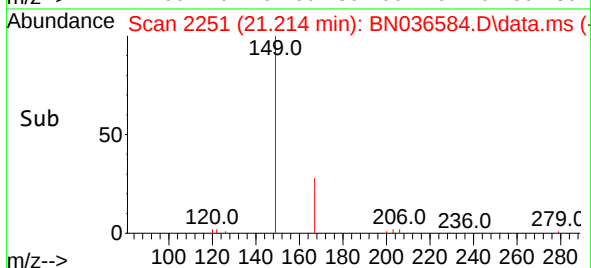
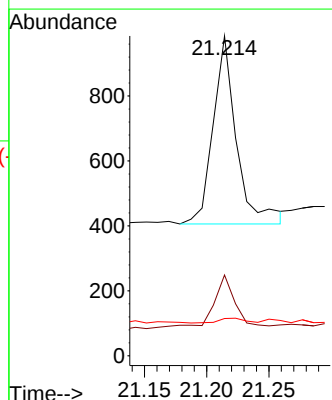
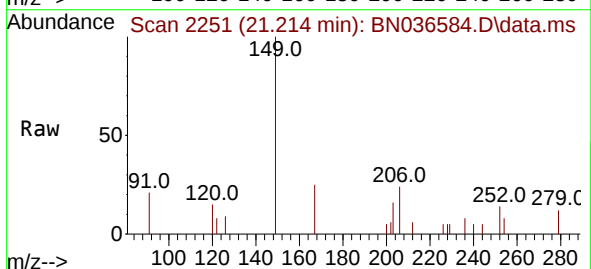
Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20250306

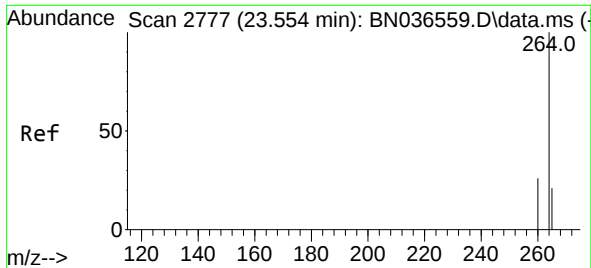
Tgt Ion:244 Resp: 7515
 Ion Ratio Lower Upper
 244 100
 212 11.0 9.6 14.4
 122 17.0 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.077 ng
 RT: 21.214 min Scan# 2251
 Delta R.T. 0.000 min
 Lab File: BN036584.D
 Acq: 11 Mar 2025 16:44

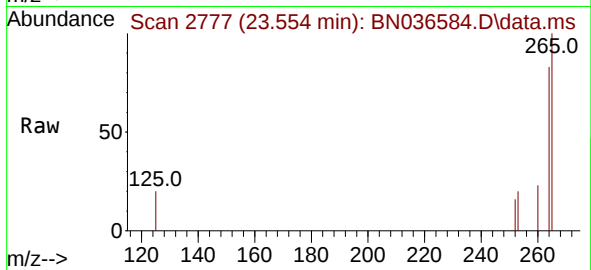
Tgt Ion:149 Resp: 757
 Ion Ratio Lower Upper
 149 100
 167 24.4 20.7 31.1
 279 2.8 3.6 5.4#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.554 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN036584.D
 Acq: 11 Mar 2025 16:44

Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20250306



Tgt Ion:264 Resp: 3124
 Ion Ratio Lower Upper
 264 100
 260 27.9 22.6 33.8
 265 120.1 88.1 132.1

