

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031125\
 Data File : BN036582.D
 Acq On : 11 Mar 2025 15:32
 Operator : RC/JU
 Sample : Q1531-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D2-20250306

Quant Time: Mar 11 15:58:27 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)

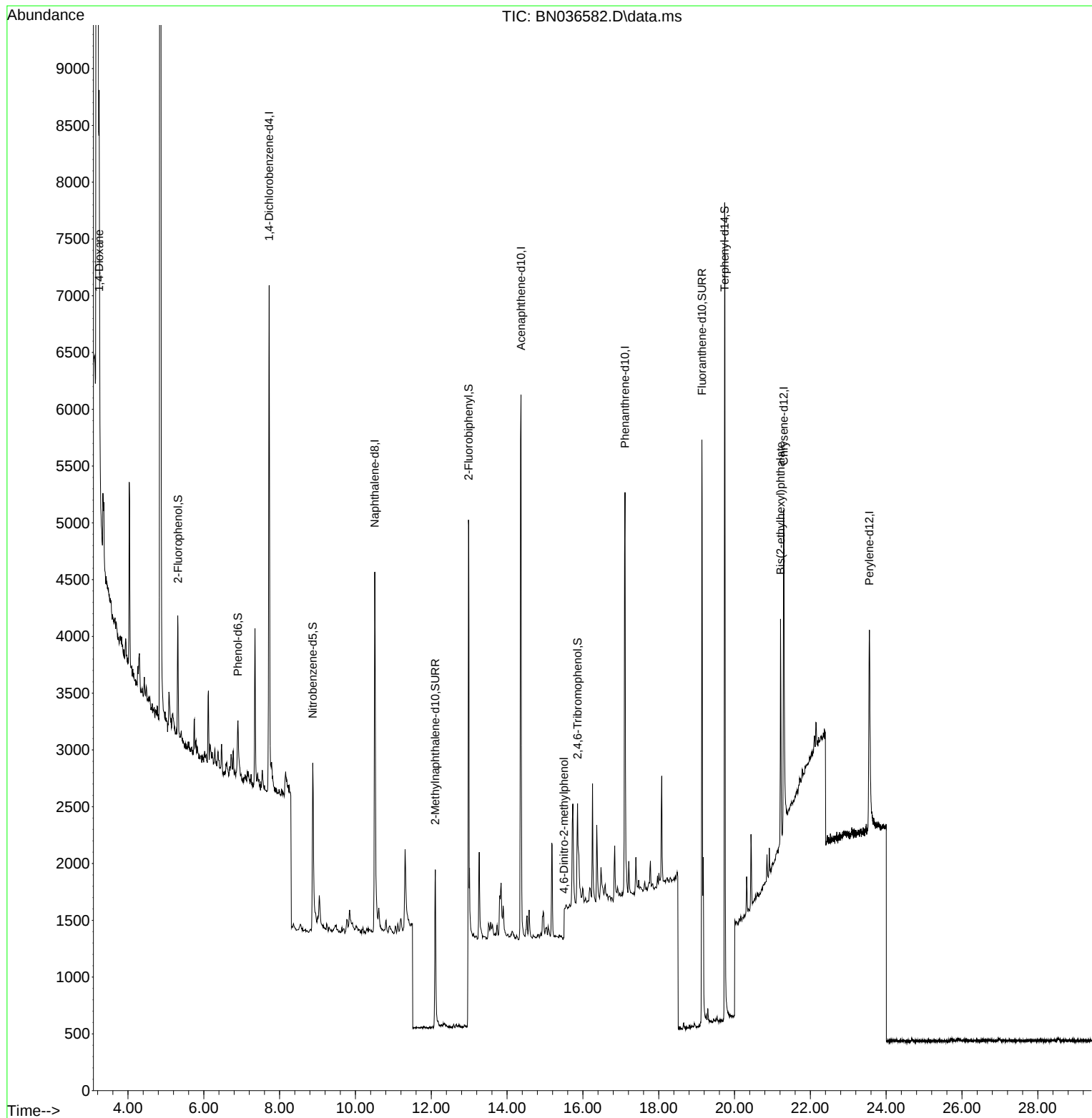
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	2161	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4915	0.400	ng	0.00
13) Acenaphthene-d10	14.366	164	2930	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	5748	0.400	ng	0.00
29) Chrysene-d12	21.295	240	3765	0.400	ng	0.00
35) Perylene-d12	23.557	264	3253	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	764	0.152	ng	0.00
5) Phenol-d6	6.901	99	495	0.080	ng	0.00
8) Nitrobenzene-d5	8.875	82	1634	0.306	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	2304	0.315	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	536	0.403	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	6493	0.381	ng	0.00
27) Fluoranthene-d10	19.141	212	6150	0.417	ng	0.00
31) Terphenyl-d14	19.740	244	7435	0.824	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.239	88	1124	0.469	ng	Qvalue # 83
20) 4,6-Dinitro-2-methylph...	15.499	198	4	0.148	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.214	149	2180	0.234	ng	95

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

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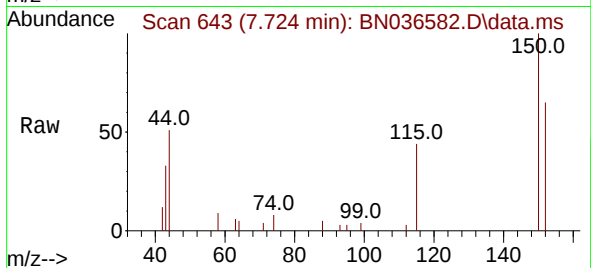
Quant Time: Mar 11 15:58:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



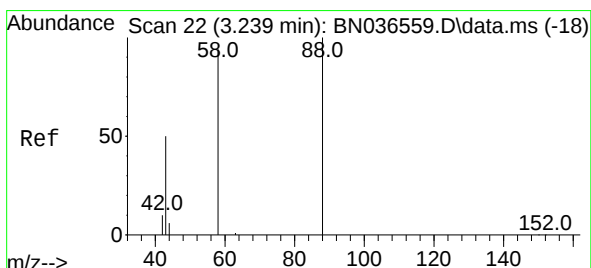
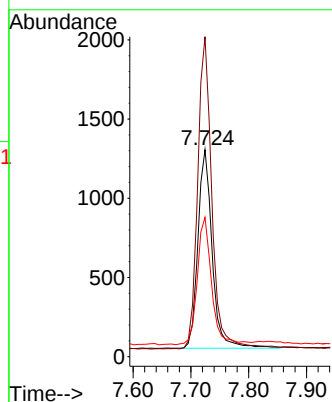
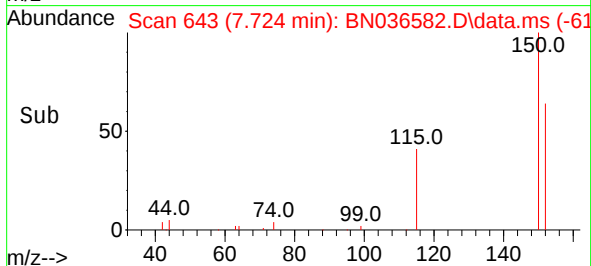


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN036582.D
Acq: 11 Mar 2025 15:32

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250306

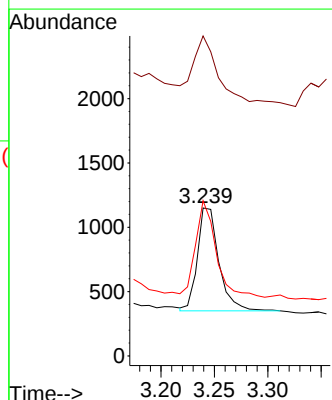
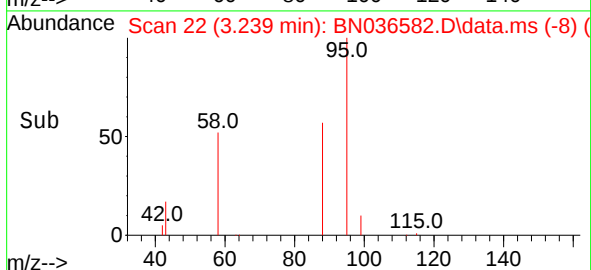
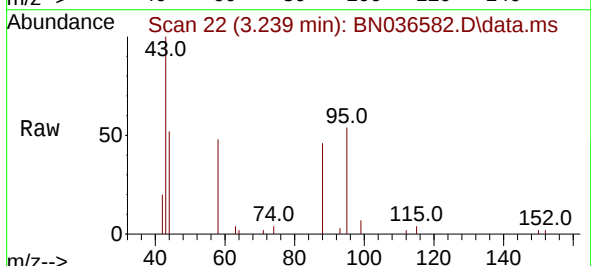


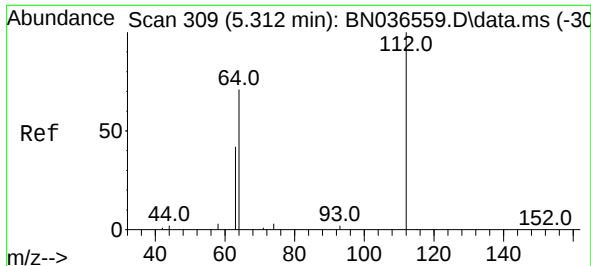
Tgt Ion:152 Resp: 2161
Ion Ratio Lower Upper
152 100
150 154.6 123.7 185.5
115 67.3 54.3 81.5



#2
1,4-Dioxane
Concen: 0.469 ng
RT: 3.239 min Scan# 22
Delta R.T. 0.000 min
Lab File: BN036582.D
Acq: 11 Mar 2025 15:32

Tgt Ion: 88 Resp: 1124
Ion Ratio Lower Upper
88 100
43 73.0 37.8 56.8#
58 88.7 67.4 101.2





#4

2-Fluorophenol

Concen: 0.152 ng

RT: 5.319 min Scan# 310

Delta R.T. 0.007 min

Lab File: BN036582.D

Acq: 11 Mar 2025 15:32

Instrument :

BNA_N

ClientSampleId :

RE103D2-20250306

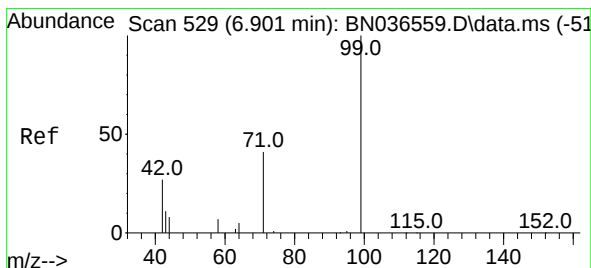
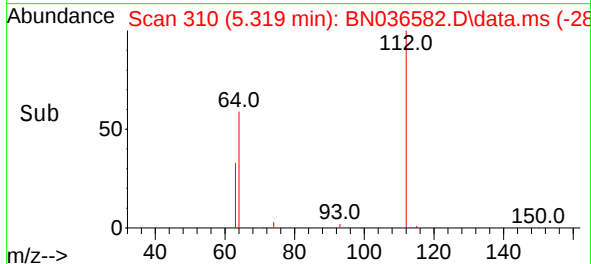
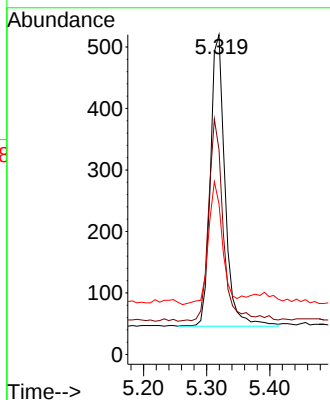
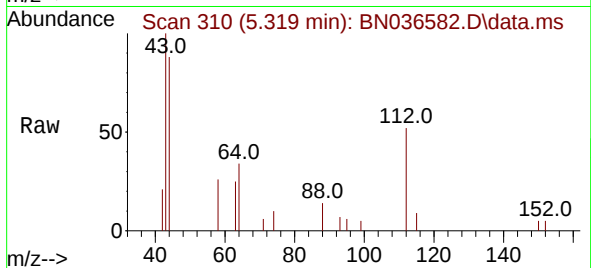
Tgt Ion:112 Resp: 764

Ion Ratio Lower Upper

112 100

64 67.5 53.1 79.7

63 40.1 31.8 47.8



#5

Phenol-d6

Concen: 0.080 ng

RT: 6.901 min Scan# 529

Delta R.T. 0.000 min

Lab File: BN036582.D

Acq: 11 Mar 2025 15:32

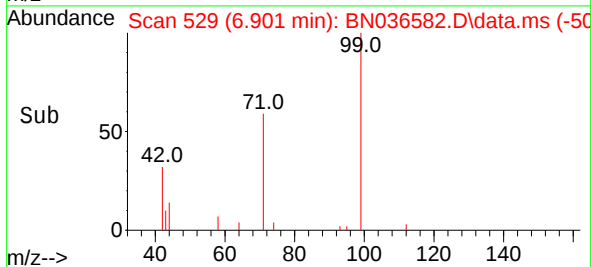
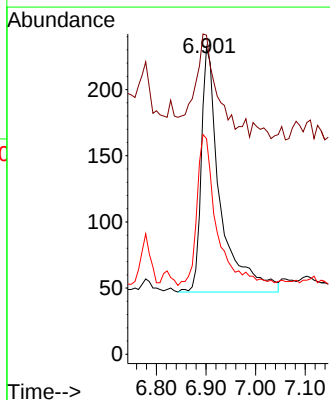
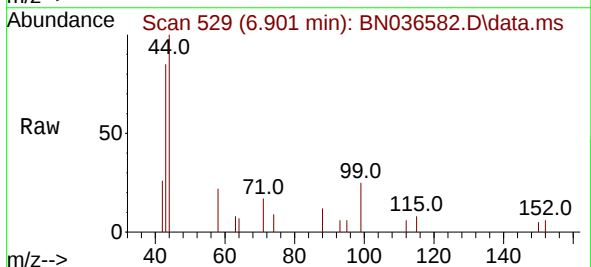
Tgt Ion: 99 Resp: 495

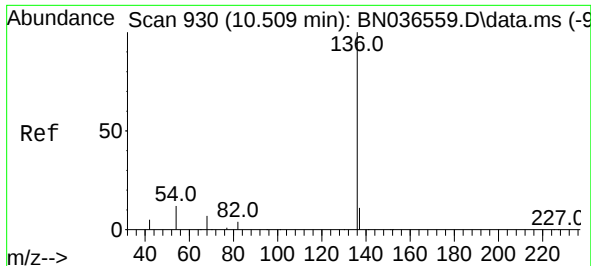
Ion Ratio Lower Upper

99 100

42 37.8 26.5 39.7

71 64.2 34.1 51.1#

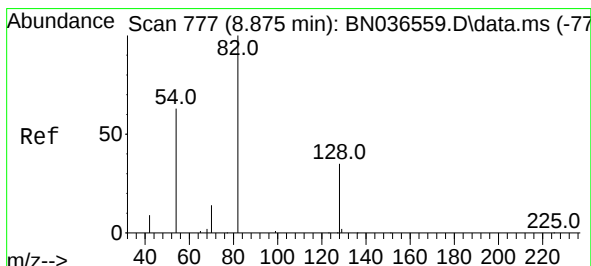
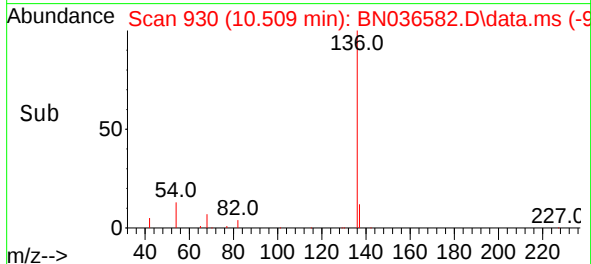
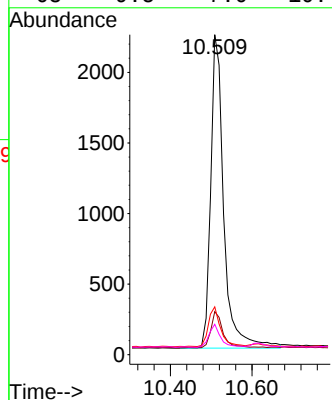
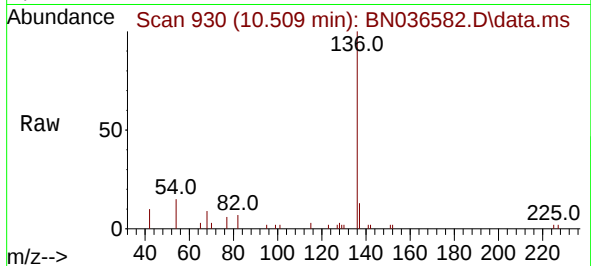




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN036582.D
Acq: 11 Mar 2025 15:32

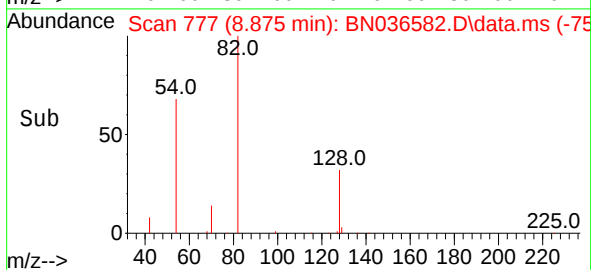
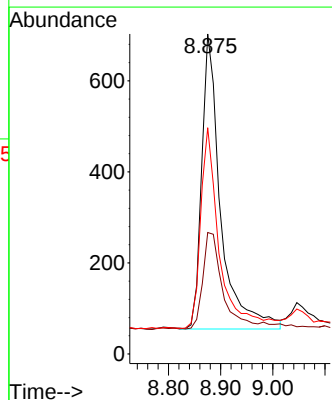
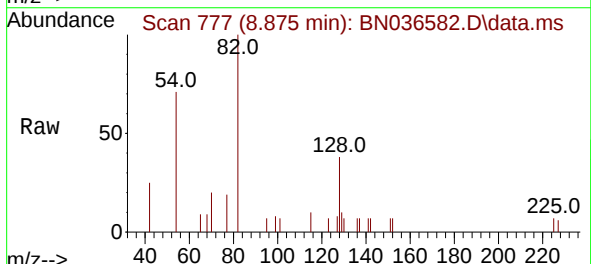
Instrument :
BNA_N
ClientSampleId :
RE103D2-20250306

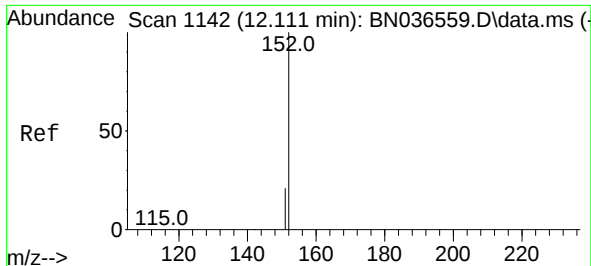
Tgt Ion:	136	Resp:	4915
Ion Ratio	Lower	Upper	
136	100		
137	13.5	10.3	15.5
54	15.0	11.5	17.3
68	9.5	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.306 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN036582.D
Acq: 11 Mar 2025 15:32

Tgt Ion:	82	Resp:	1634
Ion Ratio	Lower	Upper	
82	100		
128	38.0	30.6	45.8
54	70.7	52.2	78.4

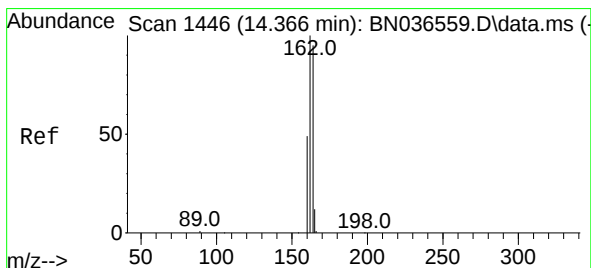
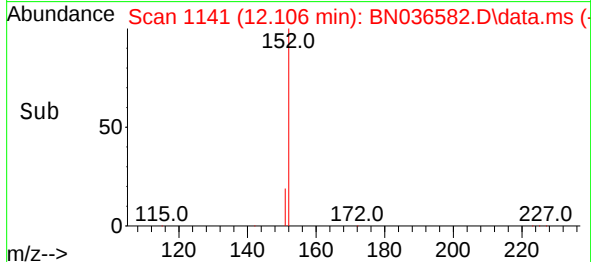
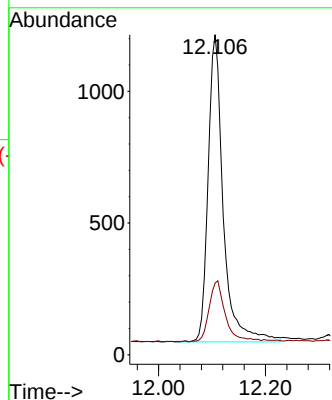
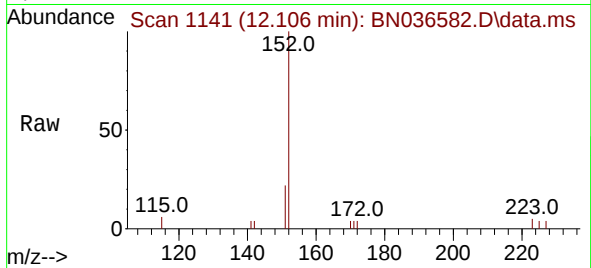




#11
2-Methylnaphthalene-d10
Concen: 0.315 ng
RT: 12.106 min Scan# 1141
Delta R.T. -0.005 min
Lab File: BN036582.D
Acq: 11 Mar 2025 15:32

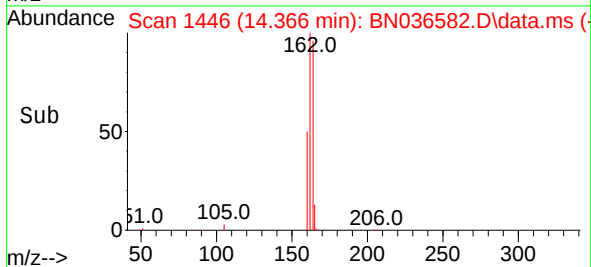
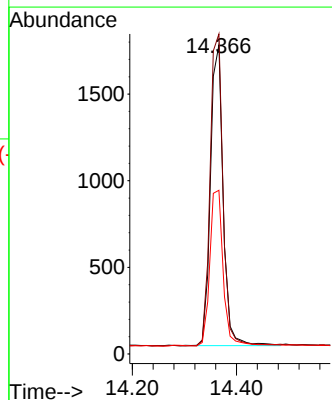
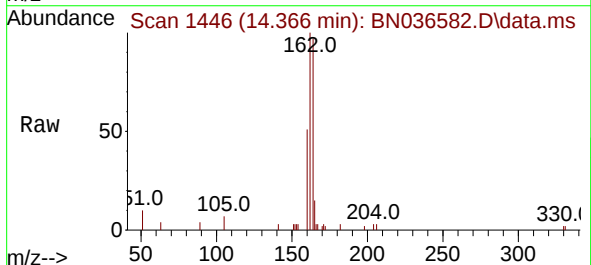
Instrument :
BNA_N
ClientSampleId :
RE103D2-20250306

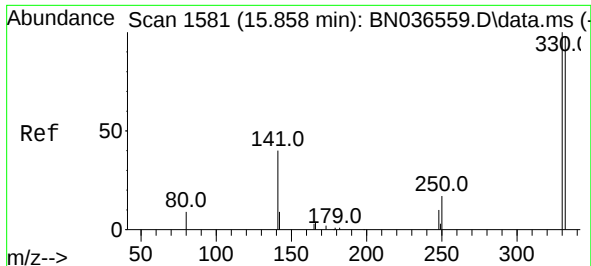
Tgt Ion:152 Resp: 2304
Ion Ratio Lower Upper
152 100
151 21.4 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.366 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BN036582.D
Acq: 11 Mar 2025 15:32

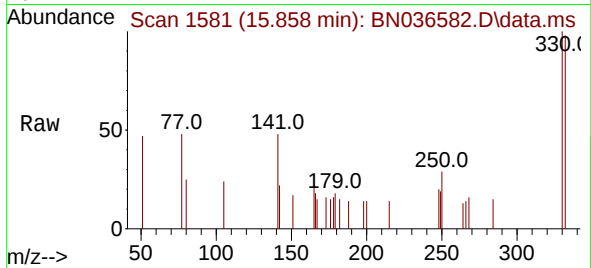
Tgt Ion:164 Resp: 2930
Ion Ratio Lower Upper
164 100
162 103.5 84.2 126.2
160 53.0 42.2 63.2



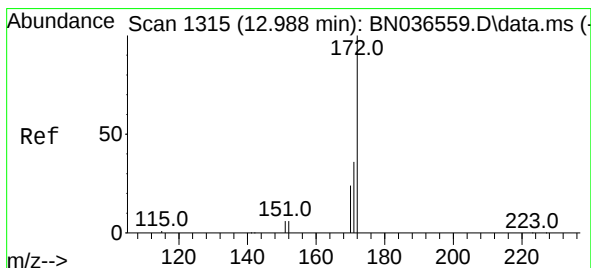
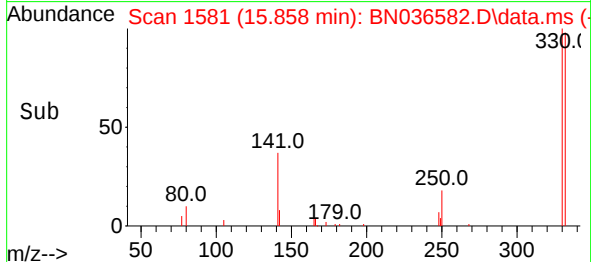
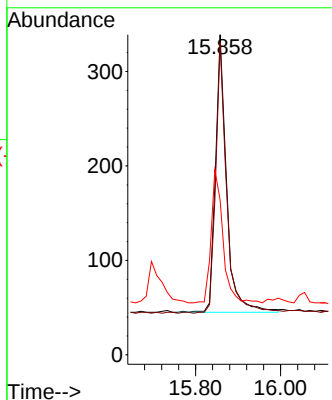


#14
2,4,6-Tribromophenol
Concen: 0.403 ng
RT: 15.858 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BN036582.D
Acq: 11 Mar 2025 15:32

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250306

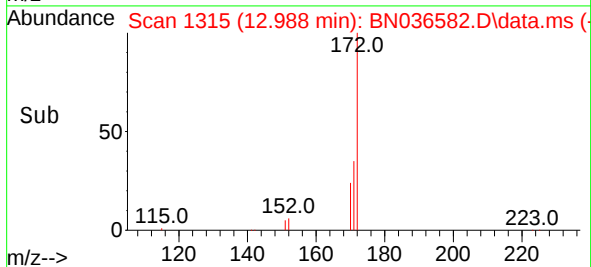
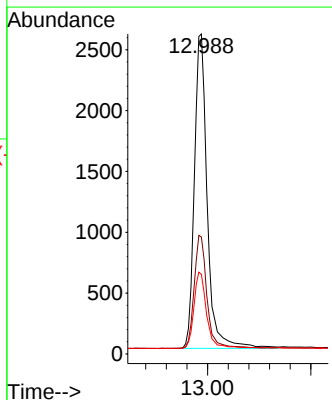
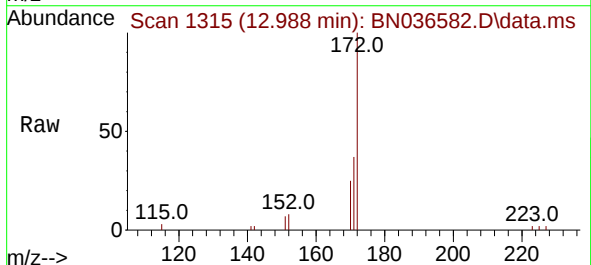


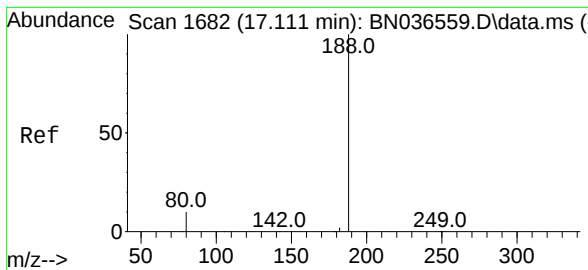
Tgt Ion:330 Resp: 536
Ion Ratio Lower Upper
330 100
332 96.6 75.2 112.8
141 50.4 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.381 ng
RT: 12.988 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BN036582.D
Acq: 11 Mar 2025 15:32

Tgt Ion:172 Resp: 6493
Ion Ratio Lower Upper
172 100
171 36.5 29.5 44.3
170 24.9 20.2 30.4

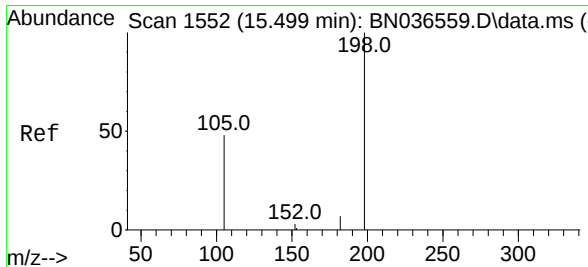
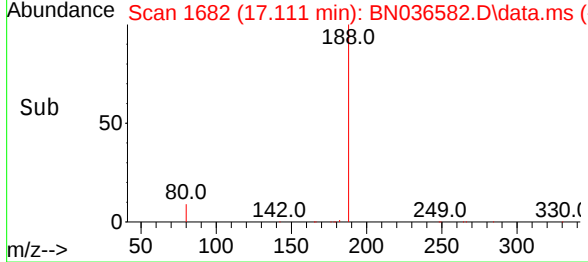
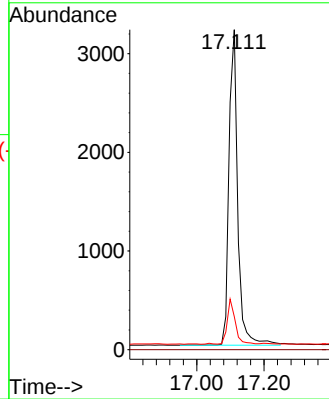
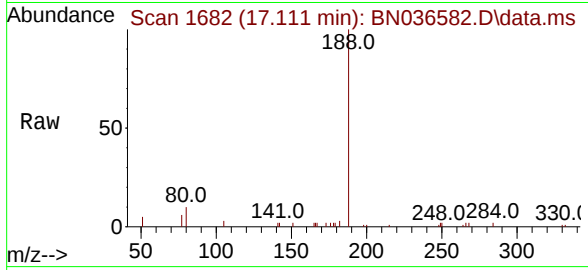




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.111 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN036582.D
Acq: 11 Mar 2025 15:32

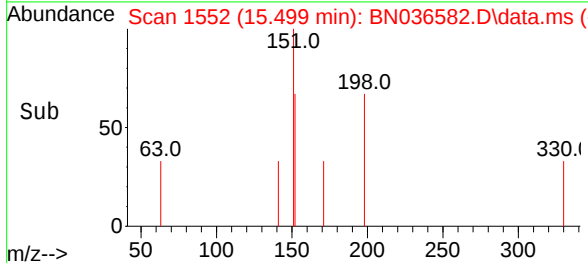
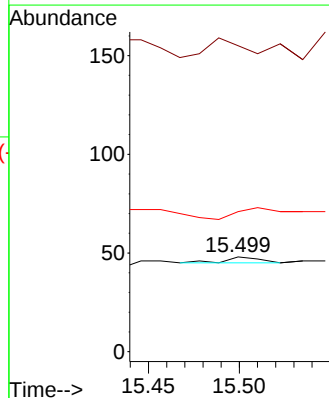
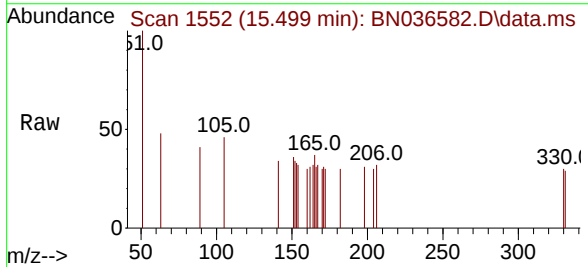
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RE103D2-20250306

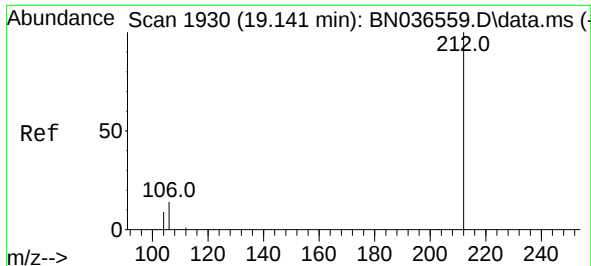
Tgt Ion:188 Resp: 5748
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.4 8.8 13.2



#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.499 min Scan# 1552
Delta R.T. 0.000 min
Lab File: BN036582.D
Acq: 11 Mar 2025 15:32

Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 322.9 107.9 161.9#
105 147.9 56.2 84.2#

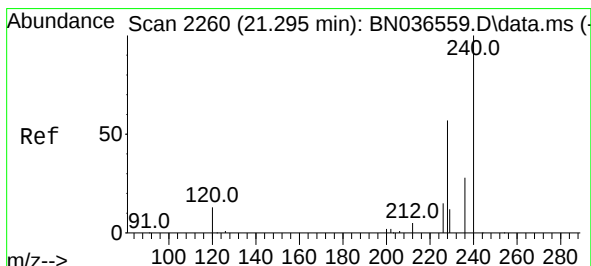
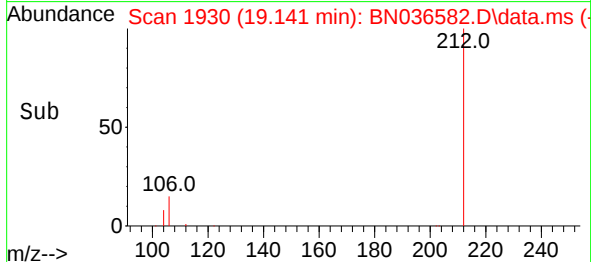
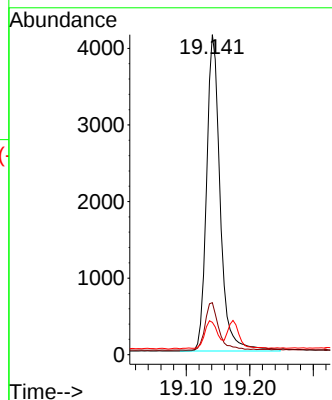
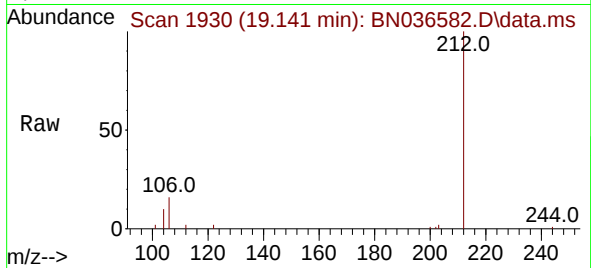




#27
Fluoranthene-d10
Concen: 0.417 ng
RT: 19.141 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BN036582.D
Acq: 11 Mar 2025 15:32

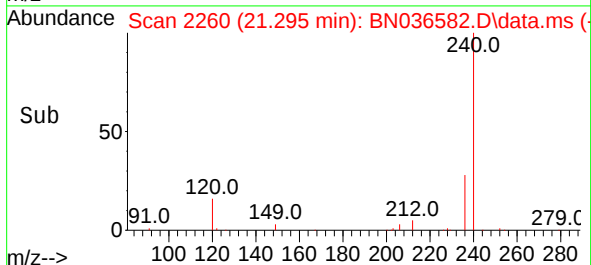
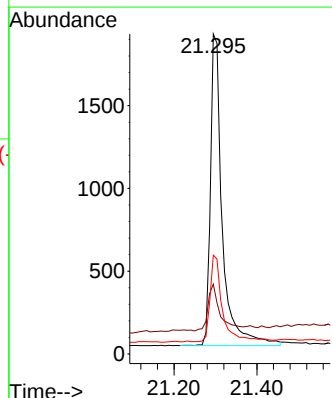
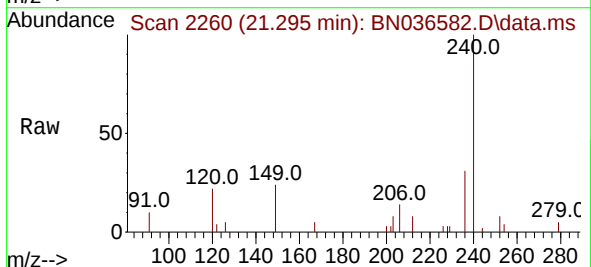
Instrument :
BNA_N
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RE103D2-20250306

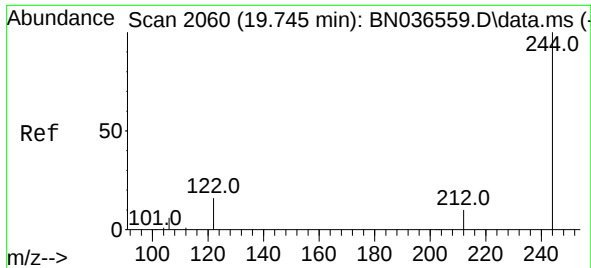
Tgt Ion:212 Resp: 6150
Ion Ratio Lower Upper
212 100
106 15.4 11.8 17.6
104 8.8 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN036582.D
Acq: 11 Mar 2025 15:32

Tgt Ion:240 Resp: 3765
Ion Ratio Lower Upper
240 100
120 21.8 14.6 22.0
236 30.9 24.1 36.1

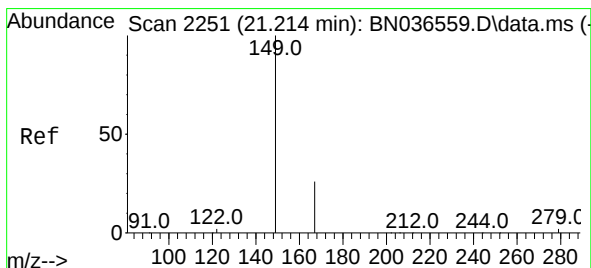
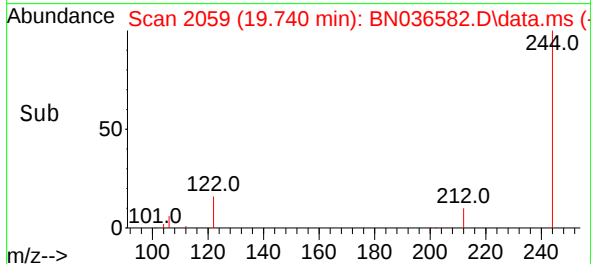
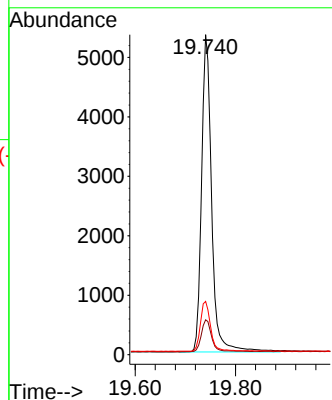
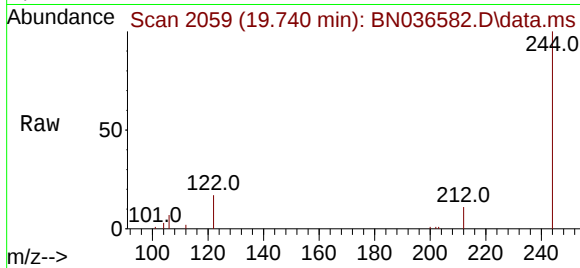




#31
 Terphenyl-d14
 Concen: 0.824 ng
 RT: 19.740 min Scan# 2060
 Delta R.T. -0.005 min
 Lab File: BN036582.D
 Acq: 11 Mar 2025 15:32

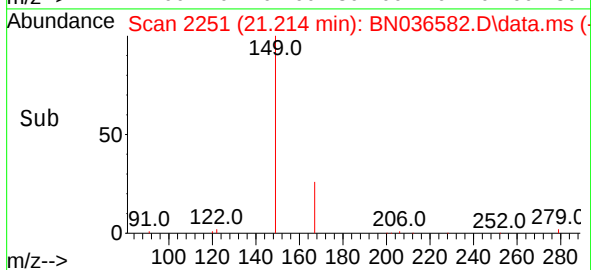
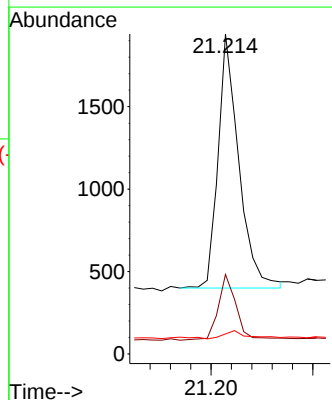
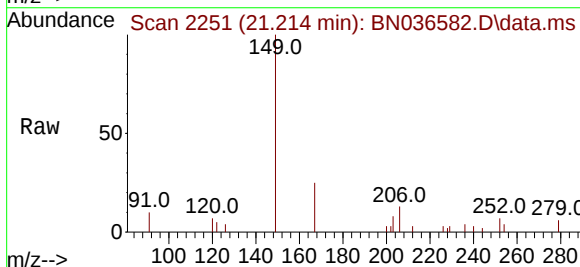
Instrument :
 BNA_N
 ClientSampleId :
 RE103D2-20250306

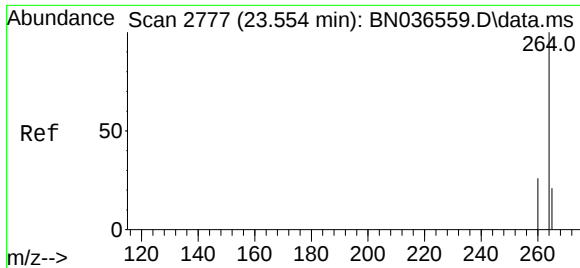
Tgt Ion:244 Resp: 7435
 Ion Ratio Lower Upper
 244 100
 212 10.9 9.6 14.4
 122 16.7 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.234 ng
 RT: 21.214 min Scan# 2251
 Delta R.T. 0.000 min
 Lab File: BN036582.D
 Acq: 11 Mar 2025 15:32

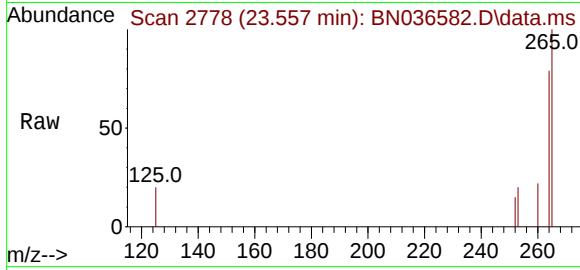
Tgt Ion:149 Resp: 2180
 Ion Ratio Lower Upper
 149 100
 167 22.9 20.7 31.1
 279 4.0 3.6 5.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.557 min Scan# 21
Delta R.T. 0.003 min
Lab File: BN036582.D
Acq: 11 Mar 2025 15:32

Instrument :
BNA_N
ClientSampleId :
RE103D2-20250306



Tgt Ion:	264	Resp:	3253
Ion	Ratio	Lower	Upper
264	100		
260	28.0	22.6	33.8
265	127.2	88.1	132.1

