

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030625\
 Data File : BN036539.D
 Acq On : 06 Mar 2025 17:48
 Operator : RC/JU
 Sample : Q1501-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-16B-87.5-030425-FD

Quant Time: Mar 07 00:25:07 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 16:08:57 2025
 Response via : Initial Calibration

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

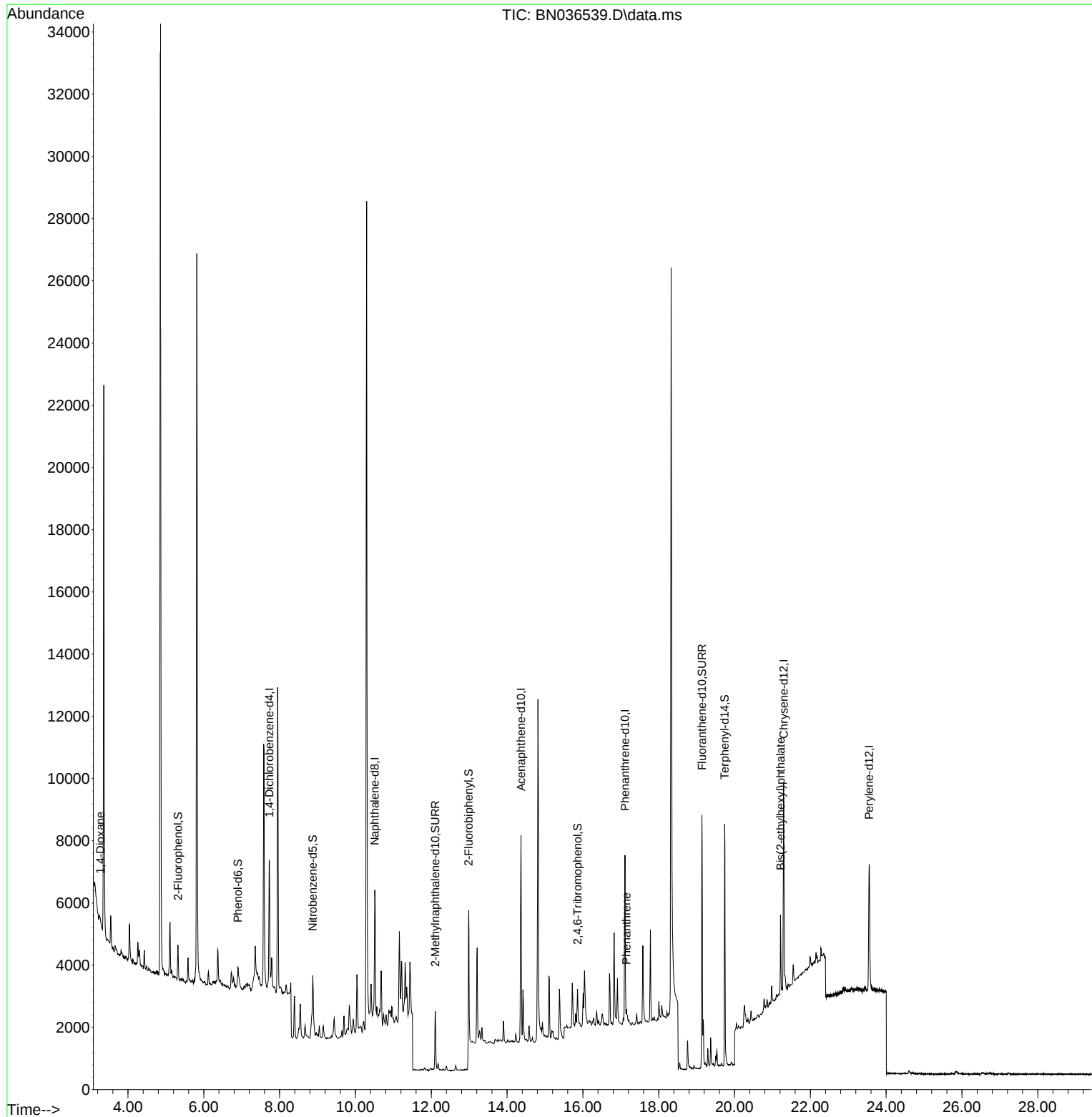
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	2097	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	5292	0.400	ng	# 0.00
13) Acenaphthene-d10	14.366	164	3396	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	7029	0.400	ng	0.00
29) Chrysene-d12	21.295	240	6322	0.400	ng	0.00
35) Perylene-d12	23.551	264	5813	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	813	0.164	ng	0.00
5) Phenol-d6	6.901	99	635	0.109	ng	0.00
8) Nitrobenzene-d5	8.875	82	1785	0.342	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	2609	0.321	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	641	0.381	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	6012	0.471	ng	0.00
27) Fluoranthene-d10	19.141	212	8625	0.441	ng	0.00
31) Terphenyl-d14	19.740	244	7104	0.526	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.268	88	386	0.168	ng	# 76
25) Phenanthrene	17.149	178	433	0.021	ng	# 82
34) Bis(2-ethylhexyl)phtha...	21.214	149	2281	0.176	ng	99

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

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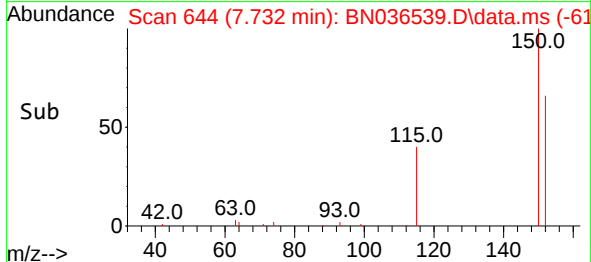
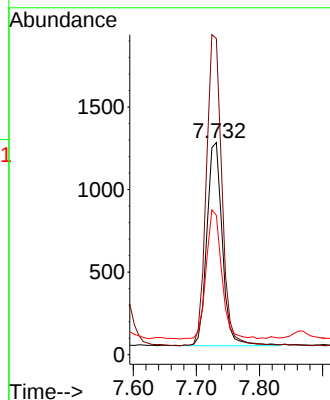
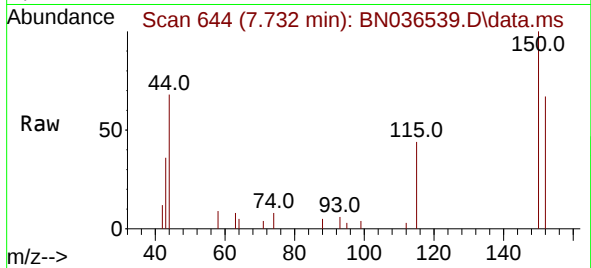




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.732 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BN036539.D
 Acq: 06 Mar 2025 17:48

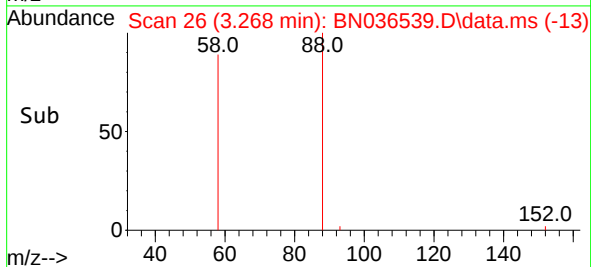
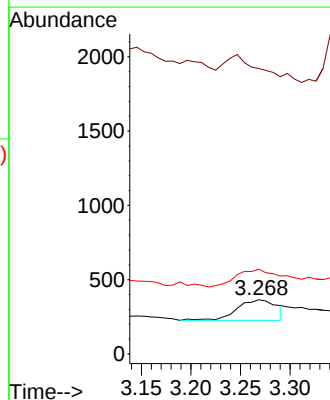
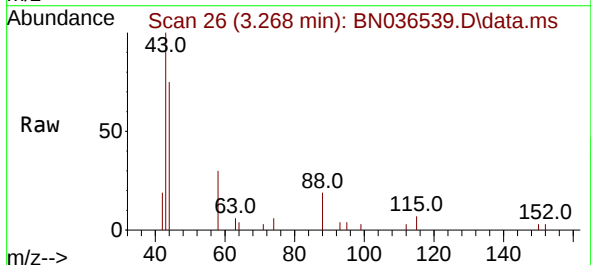
Instrument :
 BNA_N
 ClientSampleId :
 MW-16B-87.5-030425-FD

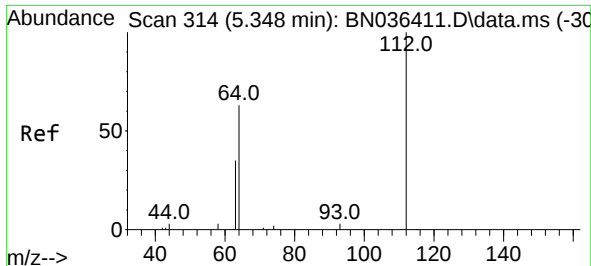
Tgt Ion:152 Resp: 2097
 Ion Ratio Lower Upper
 152 100
 150 149.0 123.7 185.5
 115 65.7 52.5 78.7



#2
 1,4-Dioxane
 Concen: 0.168 ng
 RT: 3.268 min Scan# 26
 Delta R.T. 0.022 min
 Lab File: BN036539.D
 Acq: 06 Mar 2025 17:48

Tgt Ion: 88 Resp: 386
 Ion Ratio Lower Upper
 88 100
 43 0.0 33.7 50.5#
 58 82.9 68.9 103.3





#4

2-Fluorophenol

Concen: 0.164 ng

RT: 5.319 min Scan# 314

Delta R.T. 0.000 min

Lab File: BN036539.D

Acq: 06 Mar 2025 17:48

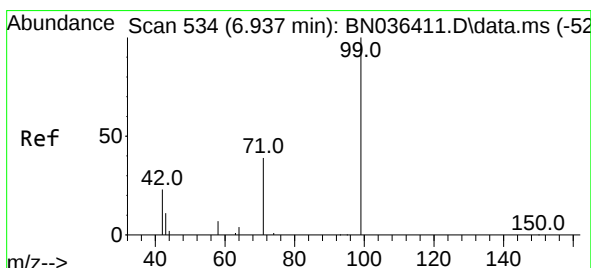
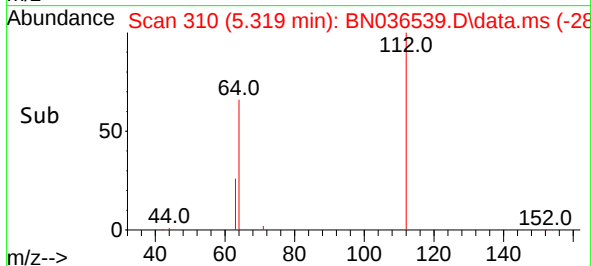
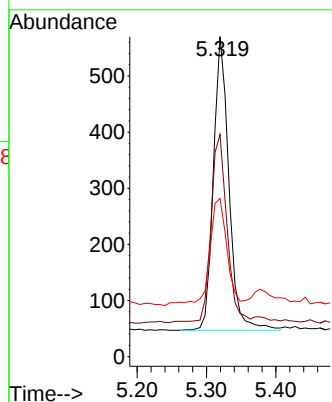
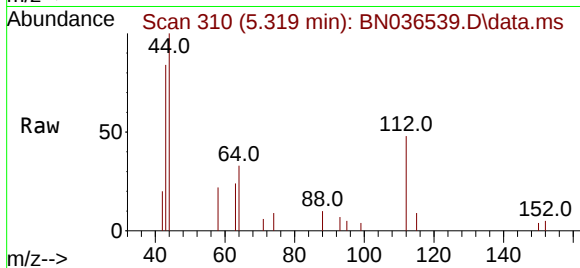
Instrument :

BNA_N

ClientSampleId :

MW-16B-87.5-030425-FD

Tgt Ion:	112	Resp:	813
Ion	Ratio	Lower	Upper
112	100		
64	65.6	53.4	80.0
63	41.2	30.3	45.5



#5

Phenol-d6

Concen: 0.109 ng

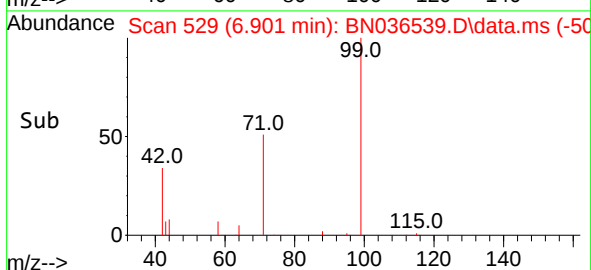
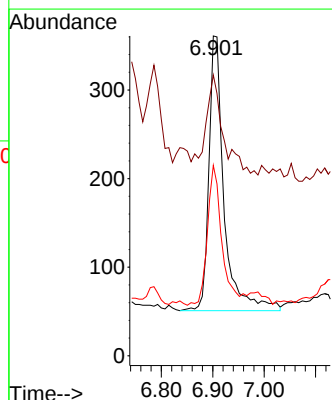
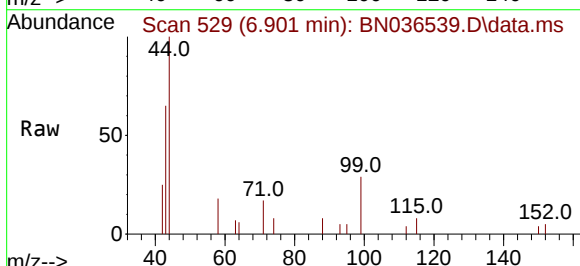
RT: 6.901 min Scan# 529

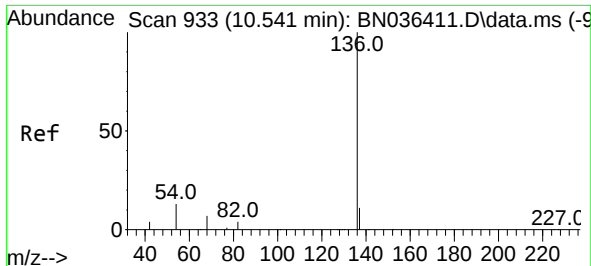
Delta R.T. 0.000 min

Lab File: BN036539.D

Acq: 06 Mar 2025 17:48

Tgt Ion:	99	Resp:	635
Ion	Ratio	Lower	Upper
99	100		
42	39.8	21.7	32.5#
71	48.2	32.6	49.0

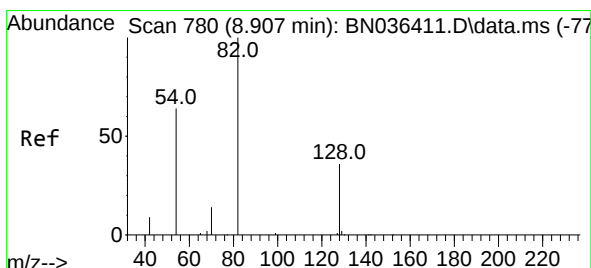
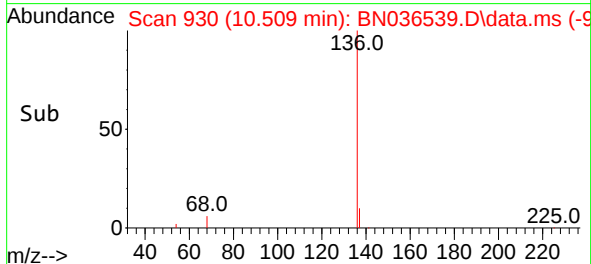
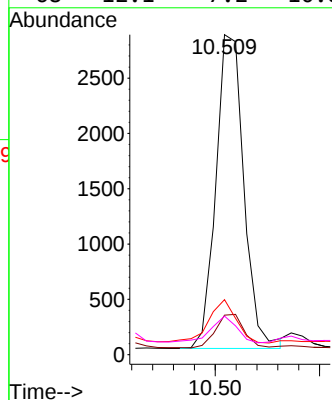
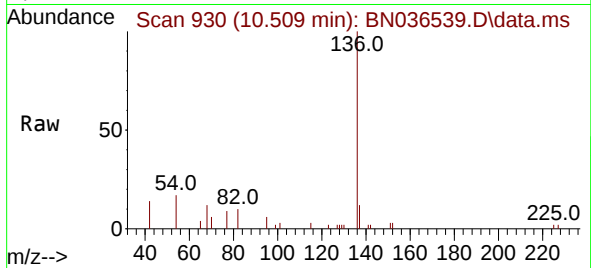




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN036539.D
Acq: 06 Mar 2025 17:48

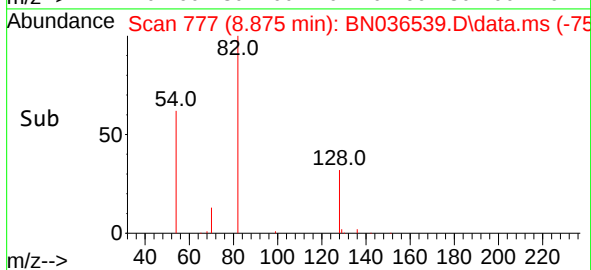
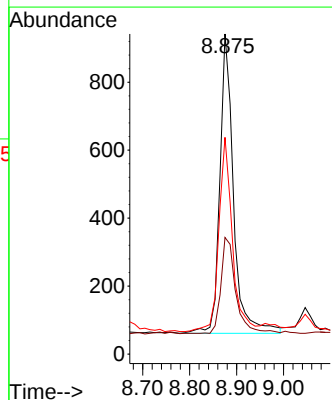
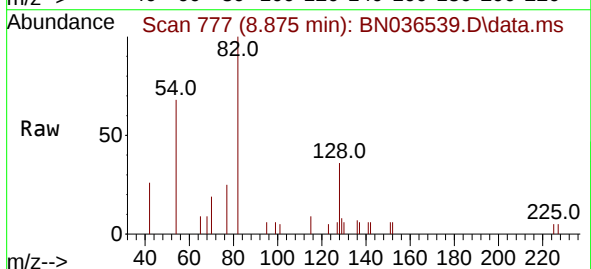
Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-030425-FD

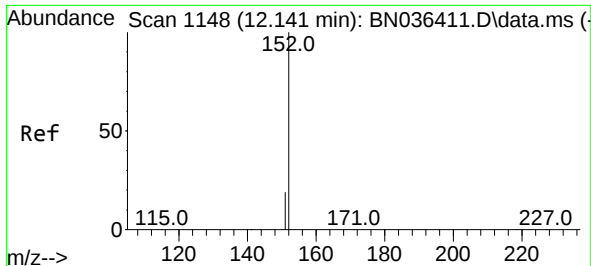
Tgt Ion:	136	Resp:	5292
Ion	Ratio	Lower	Upper
136	100		
137	12.3	10.1	15.1
54	17.2	11.8	17.6
68	12.1	7.2	10.8



#8
Nitrobenzene-d5
Concen: 0.342 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN036539.D
Acq: 06 Mar 2025 17:48

Tgt Ion:	82	Resp:	1785
Ion	Ratio	Lower	Upper
82	100		
128	36.4	31.9	47.9
54	67.7	53.1	79.7

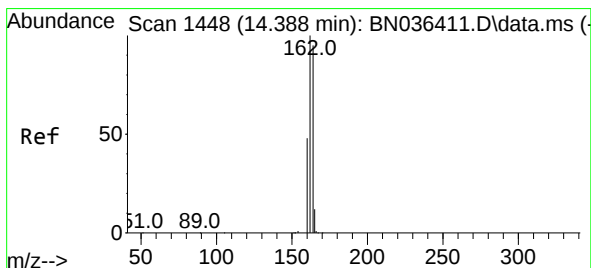
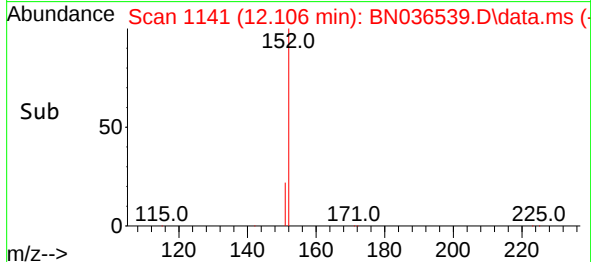
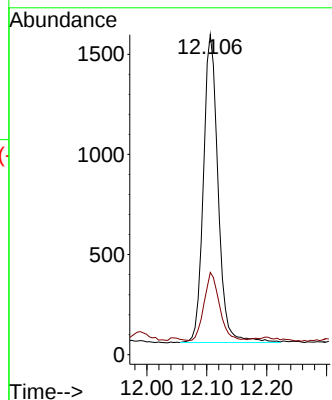
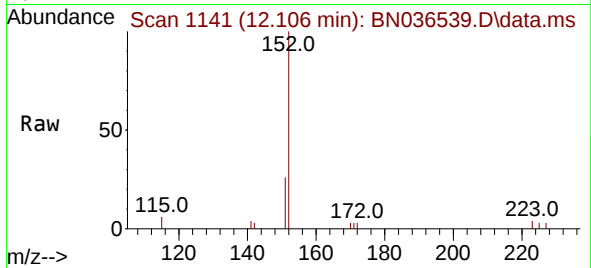




#11
2-Methylnaphthalene-d10
Concen: 0.321 ng
RT: 12.106 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BN036539.D
Acq: 06 Mar 2025 17:48

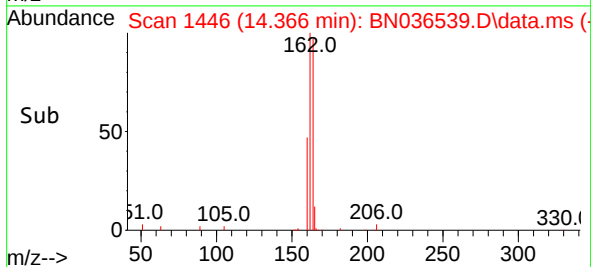
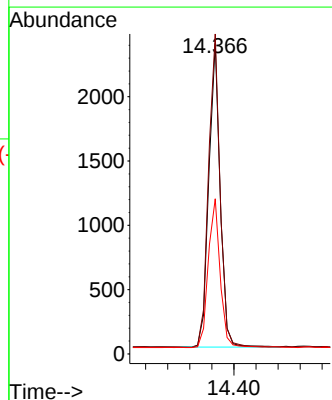
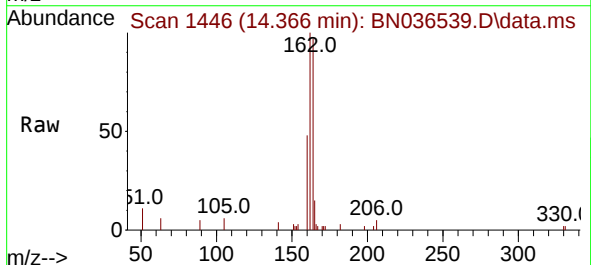
Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-030425-FD

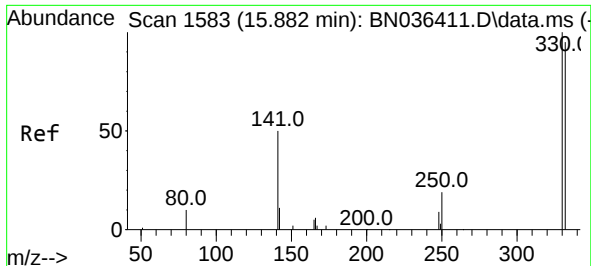
Tgt Ion:152 Resp: 2609
Ion Ratio Lower Upper
152 100
151 24.5 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.366 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BN036539.D
Acq: 06 Mar 2025 17:48

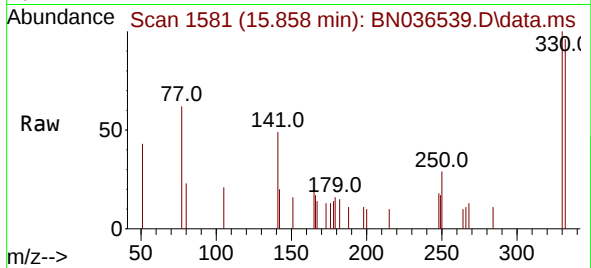
Tgt Ion:164 Resp: 3396
Ion Ratio Lower Upper
164 100
162 103.0 84.1 126.1
160 49.9 41.4 62.0



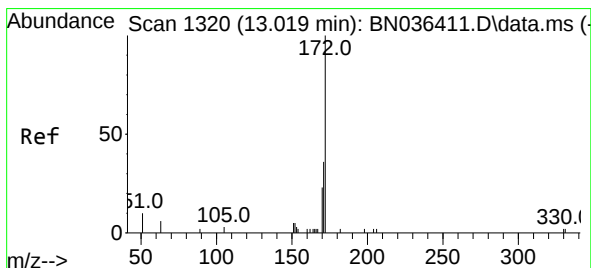
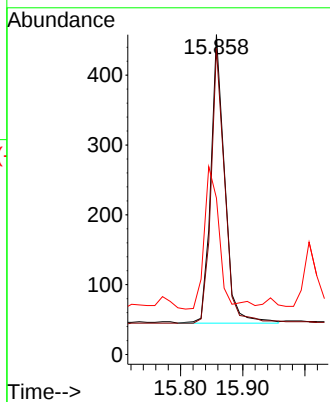
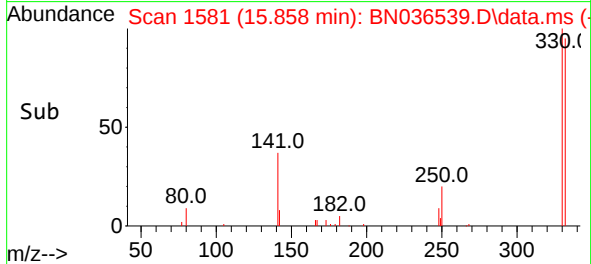


#14
2,4,6-Tribromophenol
Concen: 0.381 ng
RT: 15.858 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN036539.D
Acq: 06 Mar 2025 17:48

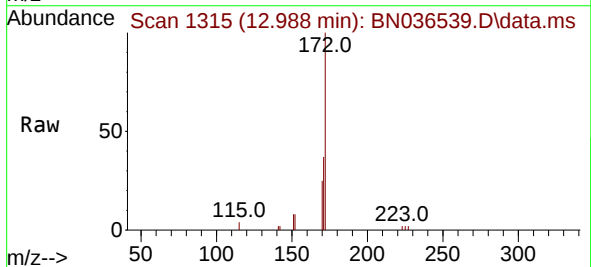
Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-030425-FD



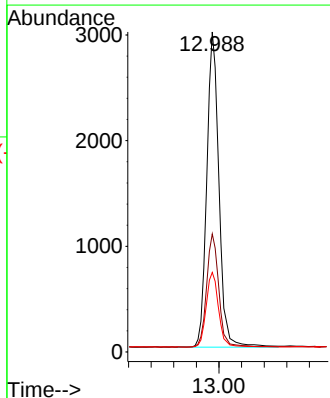
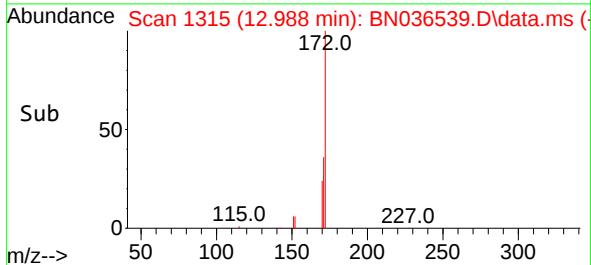
Tgt Ion:330 Resp: 641
Ion Ratio Lower Upper
330 100
332 94.5 76.6 114.8
141 54.4 37.8 56.8

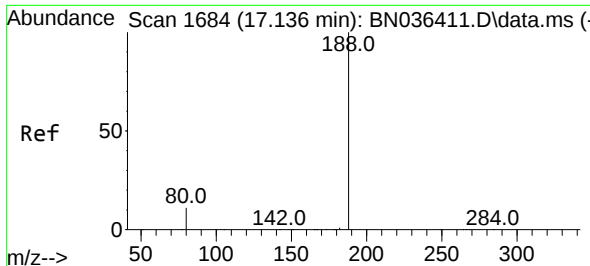


#15
2-Fluorobiphenyl
Concen: 0.471 ng
RT: 12.988 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BN036539.D
Acq: 06 Mar 2025 17:48



Tgt Ion:172 Resp: 6012
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 24.8 19.8 29.6

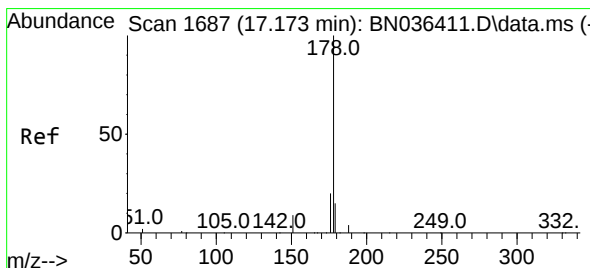
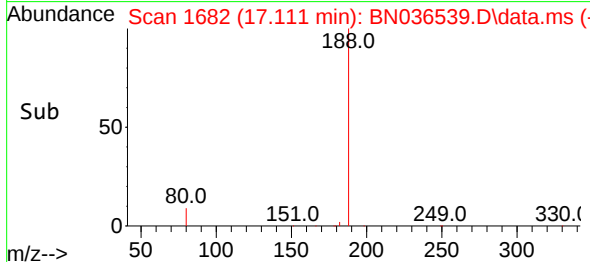
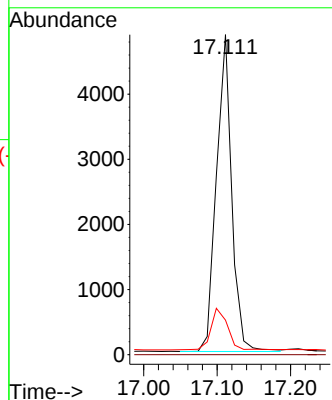
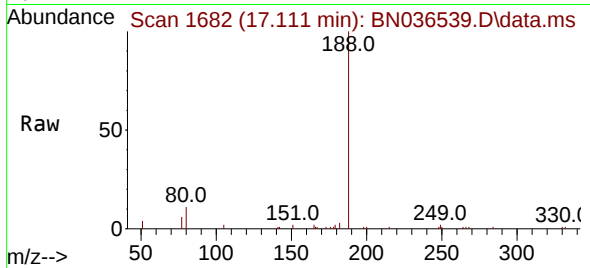




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.111 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN036539.D
Acq: 06 Mar 2025 17:48

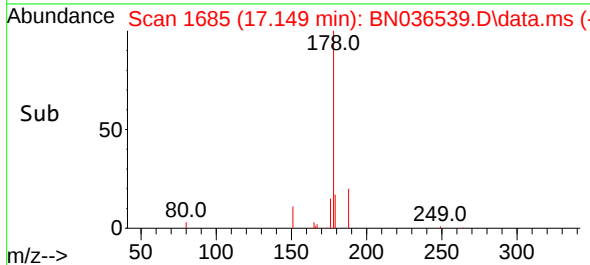
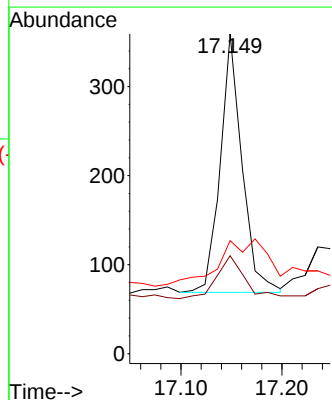
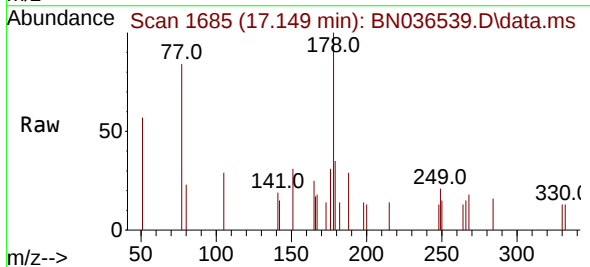
Instrument :
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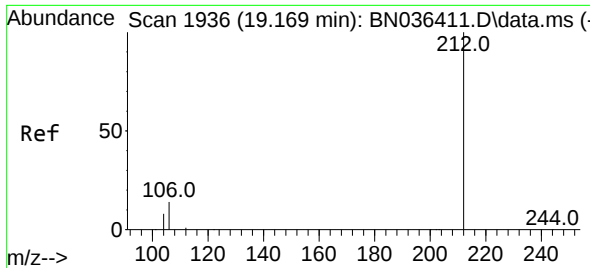
Tgt Ion:188 Resp: 7029
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.8 9.8 14.6



#25
Phenanthrene
Concen: 0.021 ng
RT: 17.149 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BN036539.D
Acq: 06 Mar 2025 17:48

Tgt Ion:178 Resp: 433
Ion Ratio Lower Upper
178 100
176 21.2 15.7 23.5
179 0.0 12.4 18.6#

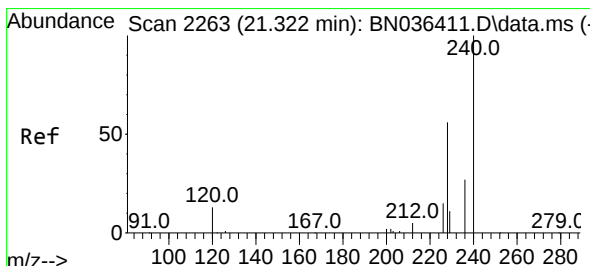
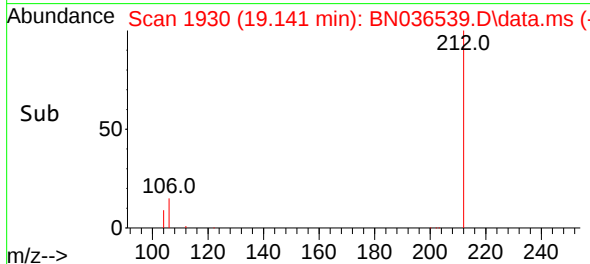
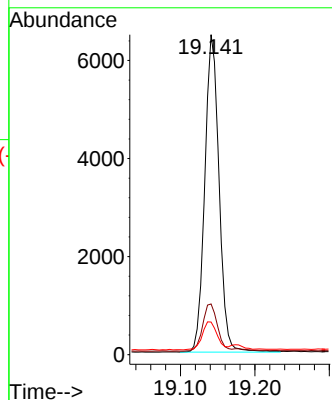
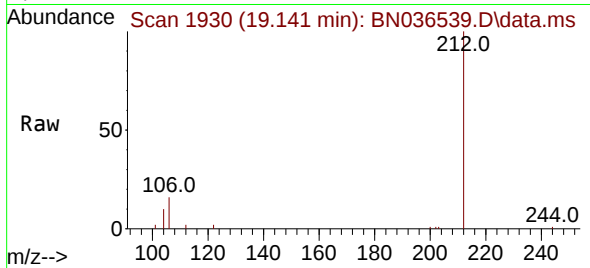




#27
Fluoranthene-d10
Concen: 0.441 ng
RT: 19.141 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BN036539.D
Acq: 06 Mar 2025 17:48

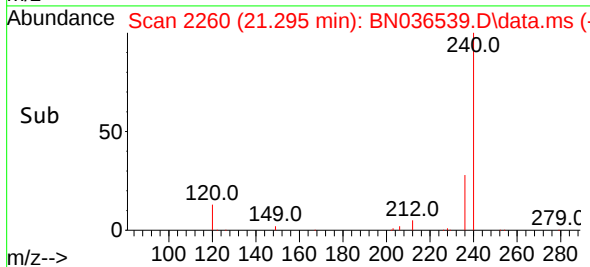
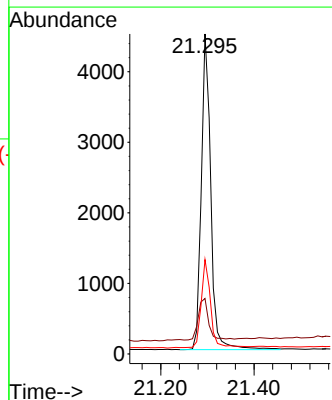
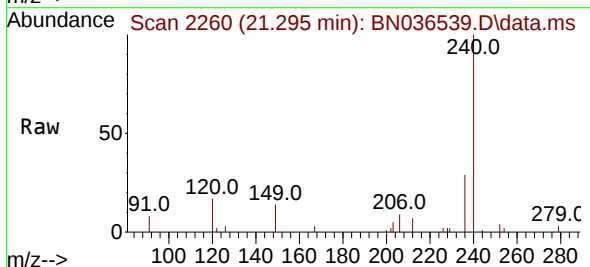
Instrument :
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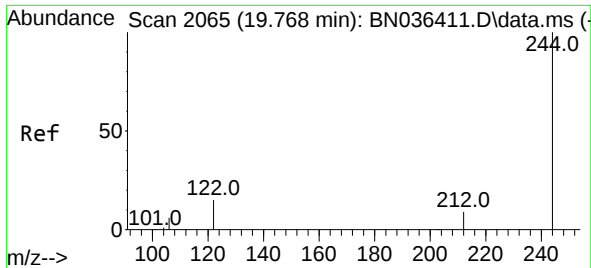
Tgt Ion:212 Resp: 8625
Ion Ratio Lower Upper
212 100
106 15.3 11.5 17.3
104 9.1 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN036539.D
Acq: 06 Mar 2025 17:48

Tgt Ion:240 Resp: 6322
Ion Ratio Lower Upper
240 100
120 17.4 13.3 19.9
236 29.5 23.0 34.6

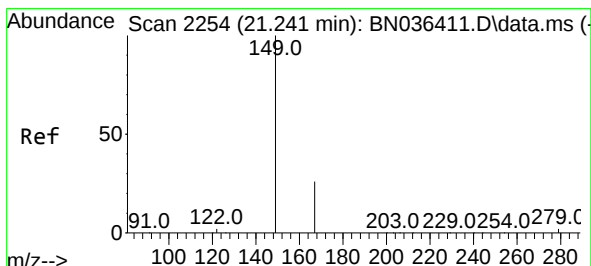
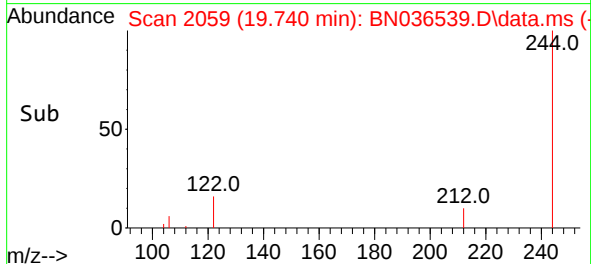
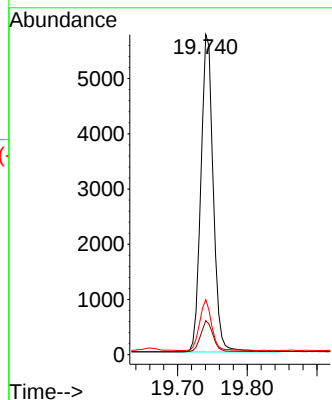
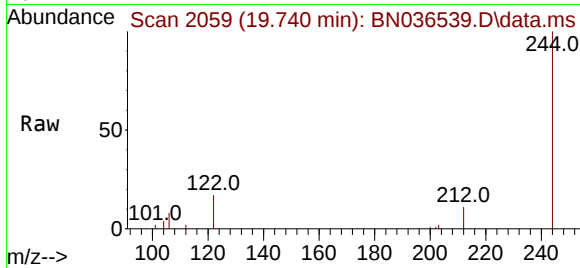




#31
 Terphenyl-d14
 Concen: 0.526 ng
 RT: 19.740 min Scan# 2065
 Delta R.T. -0.005 min
 Lab File: BN036539.D
 Acq: 06 Mar 2025 17:48

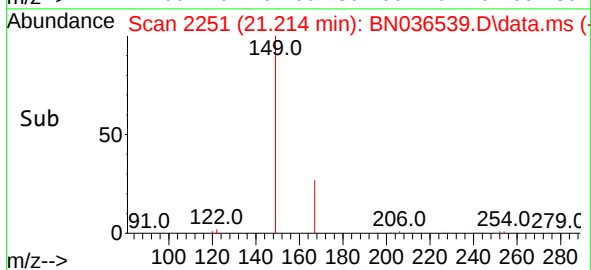
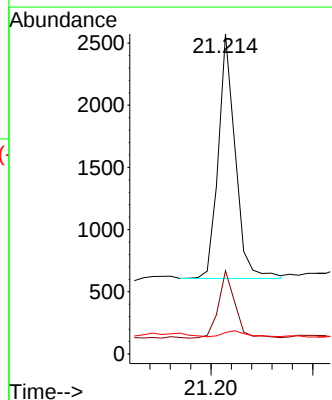
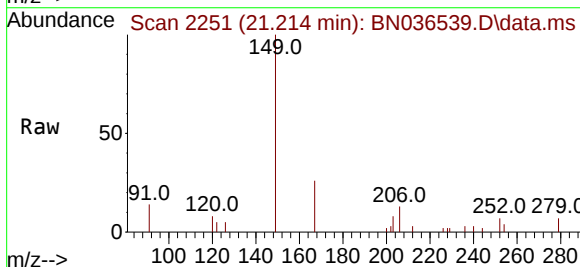
Instrument :
 BNA_N
 ClientSampleId :
 MW-16B-87.5-030425-FD

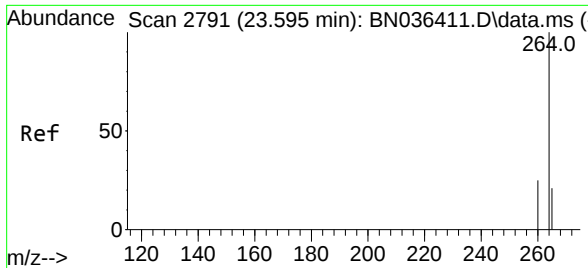
Tgt Ion:	244	Resp:	7104
Ion Ratio	Lower	Upper	
244	100		
212	10.6	8.1	12.1
122	17.2	12.8	19.2



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.176 ng
 RT: 21.214 min Scan# 2251
 Delta R.T. 0.000 min
 Lab File: BN036539.D
 Acq: 06 Mar 2025 17:48

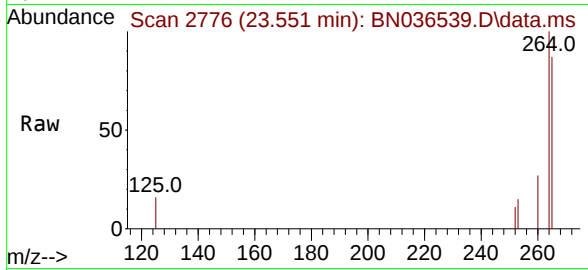
Tgt Ion:	149	Resp:	2281
Ion Ratio	Lower	Upper	
149	100		
167	26.8	21.2	31.8
279	3.1	2.7	4.1





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.551 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN036539.D
Acq: 06 Mar 2025 17:48

Instrument :
BNA_N
ClientSampleId :
MW-16B-87.5-030425-FD



Tgt Ion:264 Resp: 5813

Ion	Ratio	Lower	Upper
264	100		
260	26.7	20.9	31.3
265	86.9	60.7	91.1

