

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041125\
 Data File : BN036886.D
 Acq On : 11 Apr 2025 19:57
 Operator : RC/JU
 Sample : Q1741-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RMW-02B-66-040425

Quant Time: Apr 11 23:06:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 11 16:11:08 2025
 Response via : Initial Calibration

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

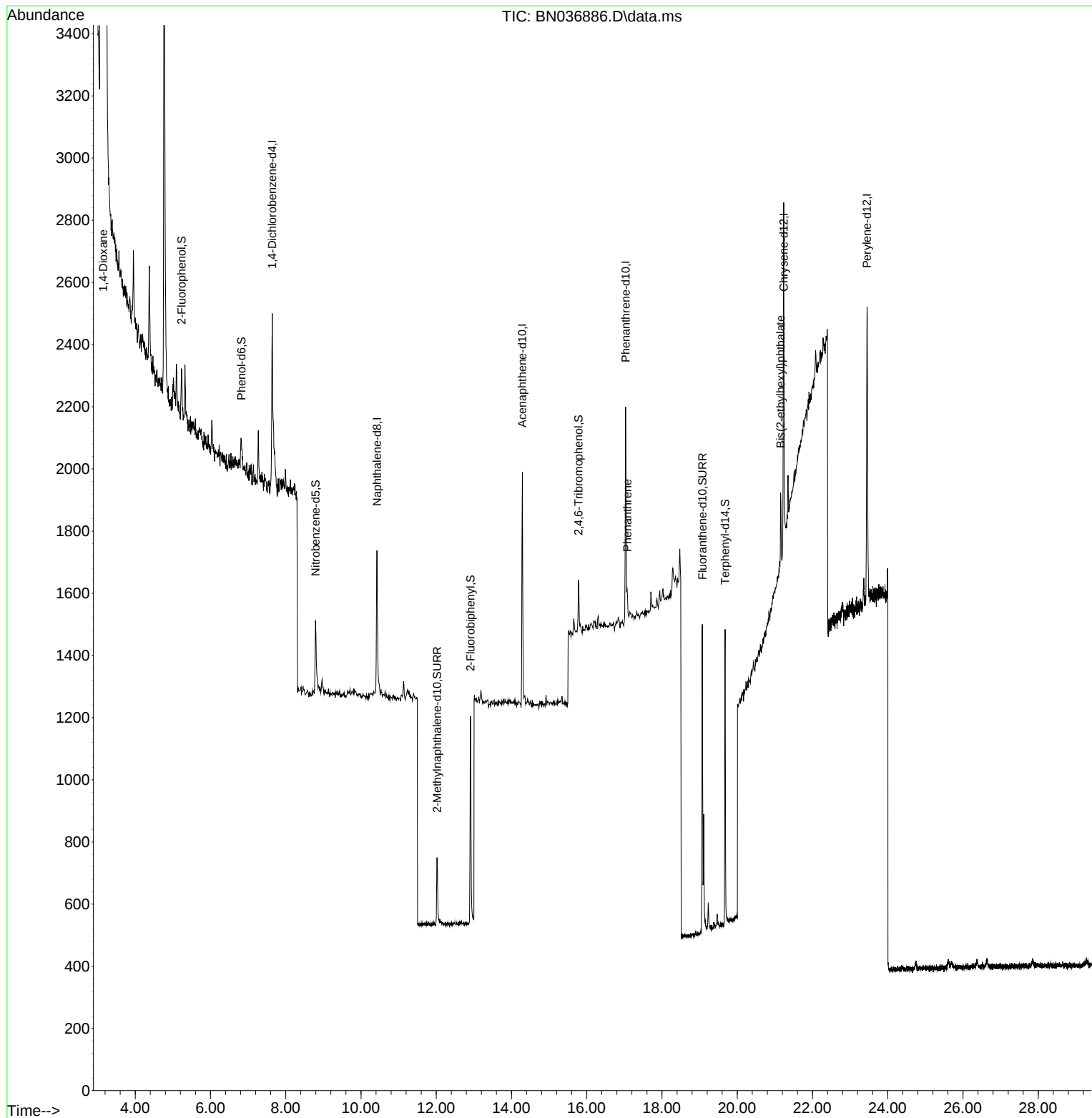
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	274	0.400	ng	0.00
7) Naphthalene-d8	10.426	136	725	0.400	ng	# 0.00
13) Acenaphthene-d10	14.288	164	456	0.400	ng	0.00
19) Phenanthrene-d10	17.033	188	993	0.400	ng	0.00
29) Chrysene-d12	21.233	240	1080	0.400	ng	0.00
35) Perylene-d12	23.447	264	1296	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.235	112	119	0.185	ng	0.00
5) Phenol-d6	6.824	99	86	0.104	ng	0.00
8) Nitrobenzene-d5	8.792	82	283	0.352	ng	0.00
11) 2-Methylnaphthalene-d10	12.021	152	358	0.340	ng	0.00
14) 2,4,6-Tribromophenol	15.780	330	98	0.446	ng	0.00
15) 2-Fluorobiphenyl	12.909	172	832	0.380	ng	0.00
27) Fluoranthene-d10	19.073	212	1156	0.413	ng	0.00
31) Terphenyl-d14	19.676	244	881	0.429	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.148	88	9017	28.385	ng	96
25) Phenanthrene	17.083	178	84	0.028	ng	# 53
34) Bis(2-ethylhexyl)phtha...	21.153	149	245	0.087	ng	# 88

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

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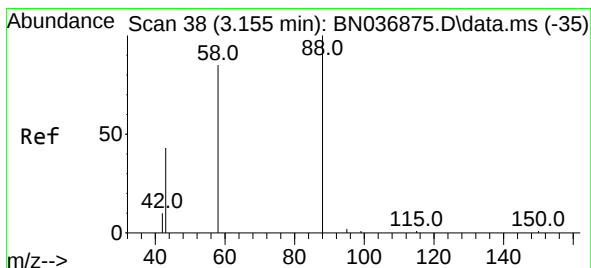
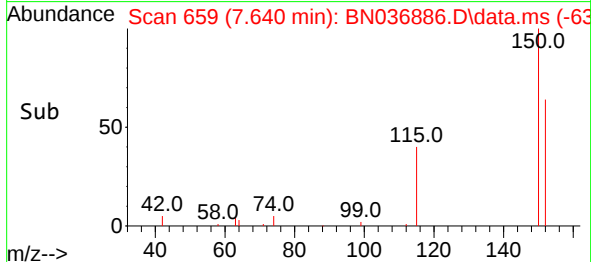
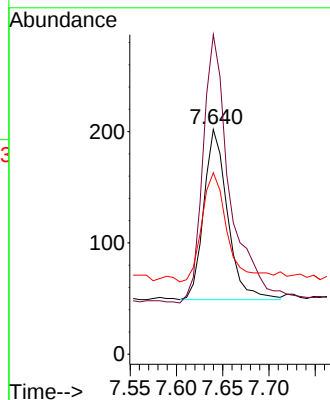
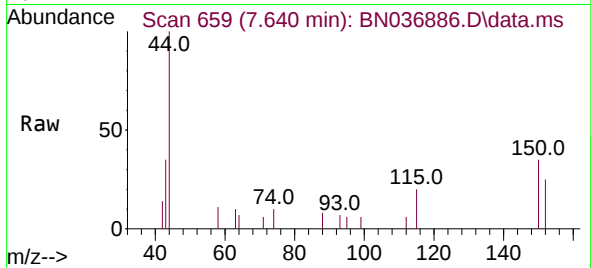




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.640 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN036886.D
 Acq: 11 Apr 2025 19:57

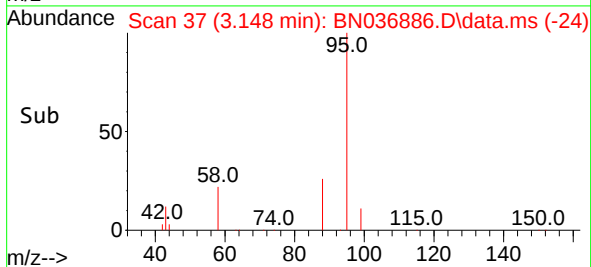
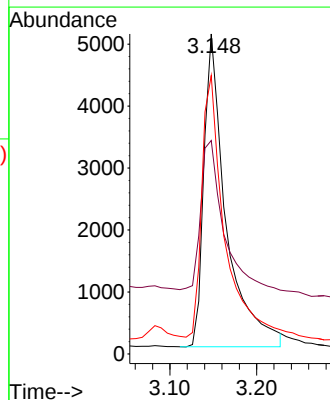
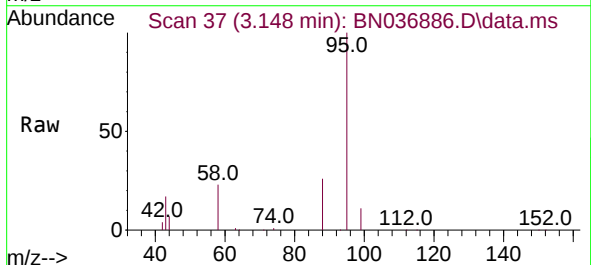
Instrument :
 BNA_N
 ClientSampleId :
 RMW-02B-66-040425

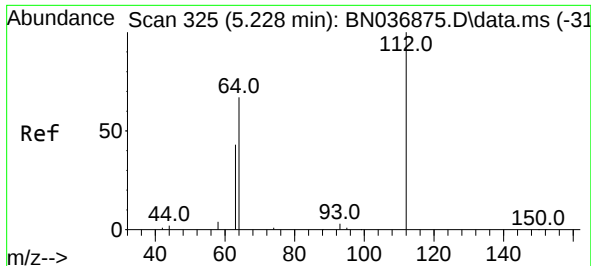
Tgt Ion:152 Resp: 274
 Ion Ratio Lower Upper
 152 100
 150 142.1 123.0 184.6
 115 80.7 60.1 90.1



#2
 1,4-Dioxane
 Concen: 28.385 ng
 RT: 3.148 min Scan# 37
 Delta R.T. -0.007 min
 Lab File: BN036886.D
 Acq: 11 Apr 2025 19:57

Tgt Ion: 88 Resp: 9017
 Ion Ratio Lower Upper
 88 100
 43 48.2 39.2 58.8
 58 83.8 63.5 95.3

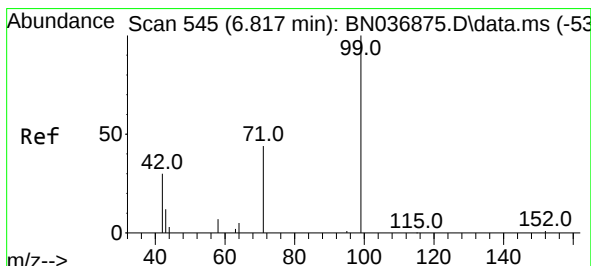
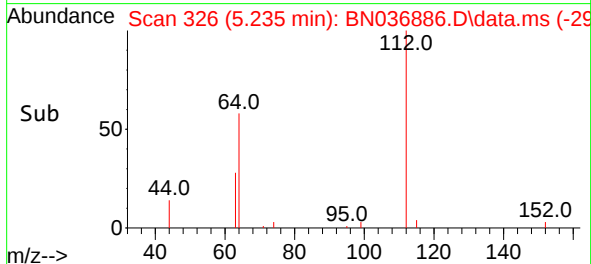
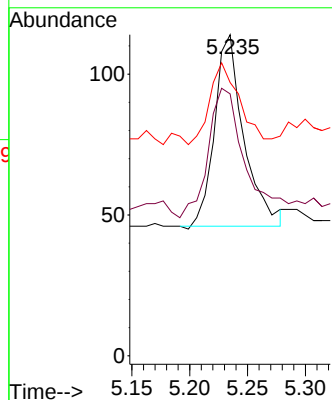
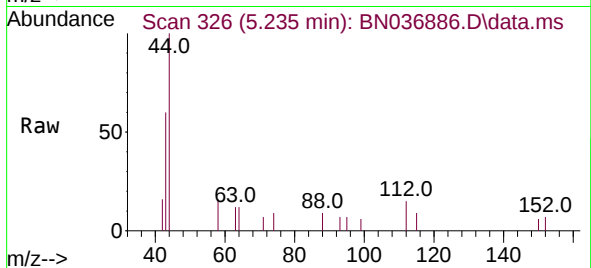




#4
2-Fluorophenol
Concen: 0.185 ng
RT: 5.235 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN036886.D
Acq: 11 Apr 2025 19:57

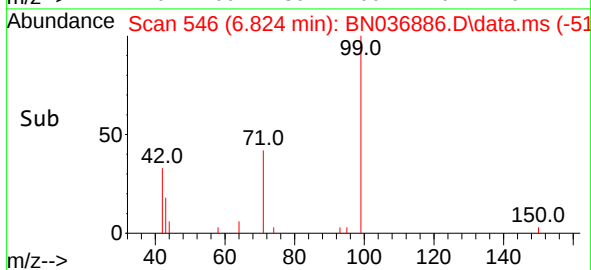
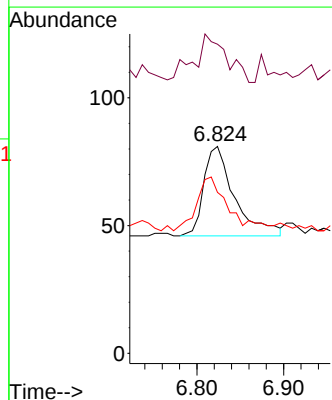
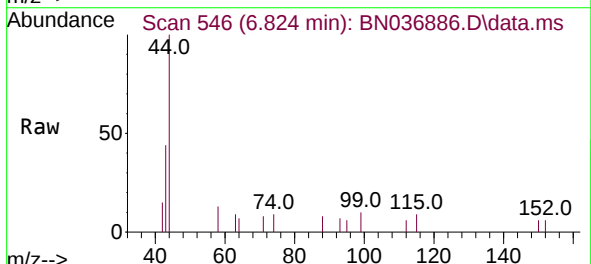
Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-040425

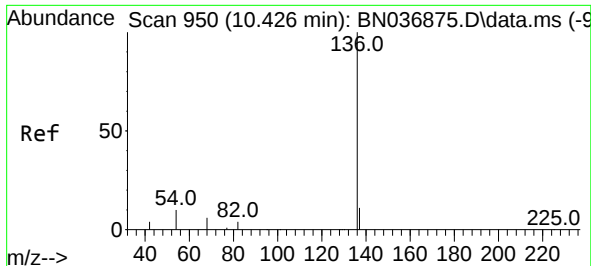
Tgt Ion:112 Resp: 119
Ion Ratio Lower Upper
112 100
64 100.8 54.0 81.0#
63 49.6 35.1 52.7



#5
Phenol-d6
Concen: 0.104 ng
RT: 6.824 min Scan# 546
Delta R.T. 0.007 min
Lab File: BN036886.D
Acq: 11 Apr 2025 19:57

Tgt Ion: 99 Resp: 86
Ion Ratio Lower Upper
99 100
42 58.1 30.9 46.3#
71 62.8 38.6 58.0#

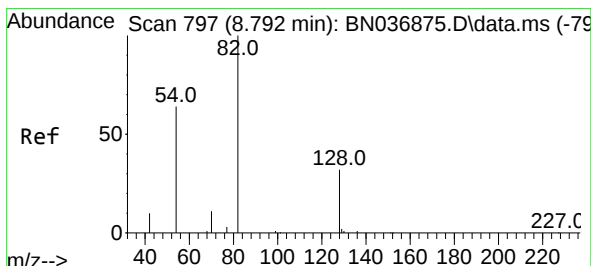
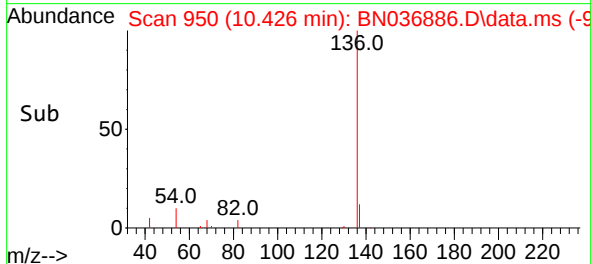
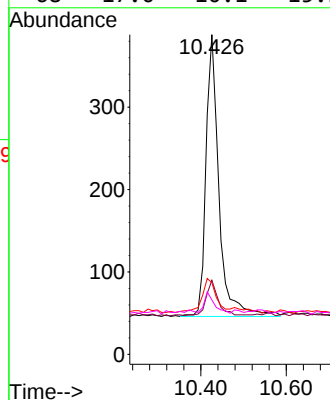
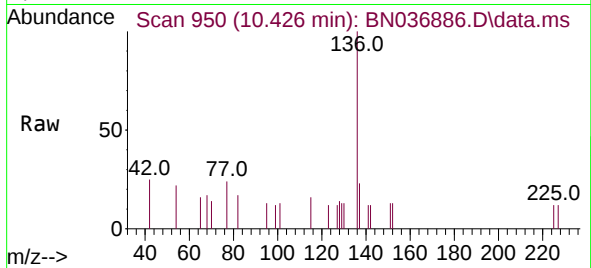




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.426 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN036886.D
Acq: 11 Apr 2025 19:57

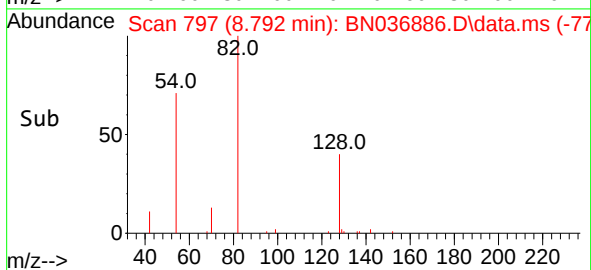
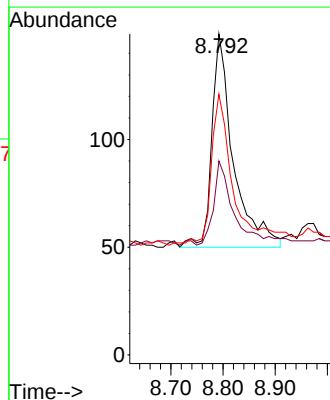
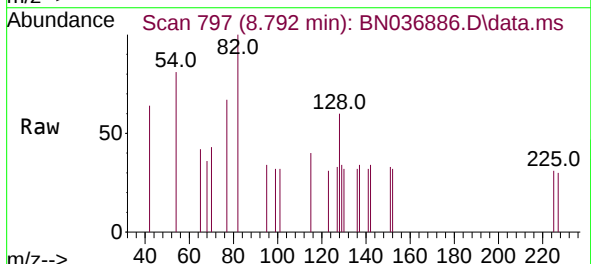
Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-040425

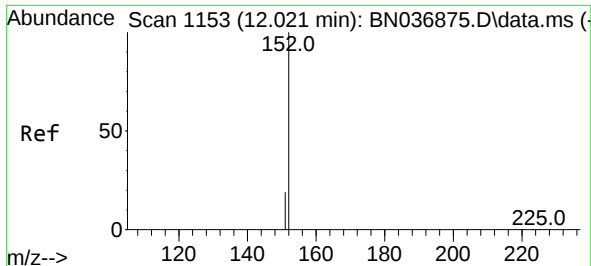
Tgt Ion:	136	Resp:	725
Ion	Ratio	Lower	Upper
136	100		
137	23.2	13.5	20.3#
54	22.4	12.8	19.2#
68	17.0	10.1	15.1#



#8
Nitrobenzene-d5
Concen: 0.352 ng
RT: 8.792 min Scan# 797
Delta R.T. -0.000 min
Lab File: BN036886.D
Acq: 11 Apr 2025 19:57

Tgt Ion:	82	Resp:	283
Ion	Ratio	Lower	Upper
82	100		
128	60.4	35.5	53.3#
54	81.2	56.2	84.4

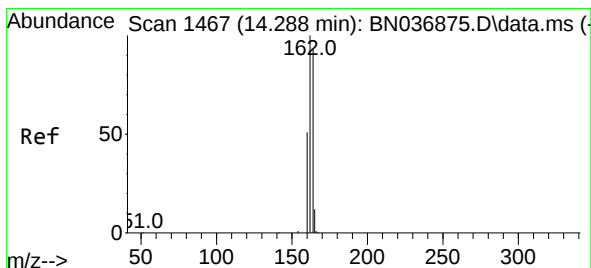
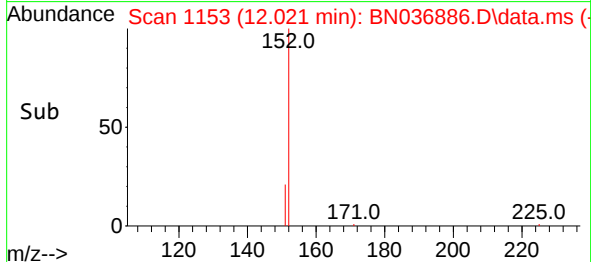
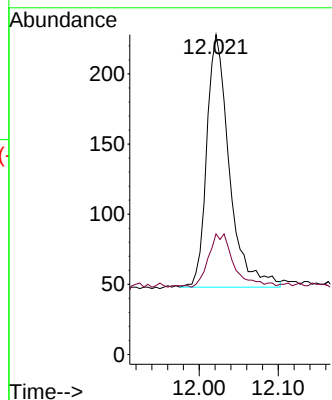
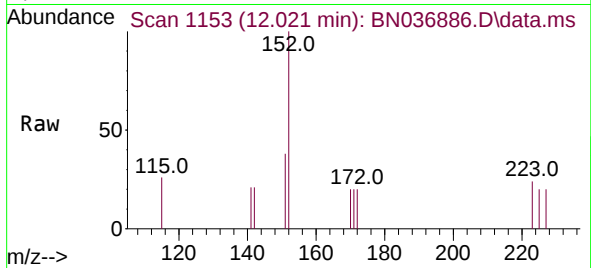




#11
2-Methylnaphthalene-d10
Concen: 0.340 ng
RT: 12.021 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BN036886.D
Acq: 11 Apr 2025 19:57

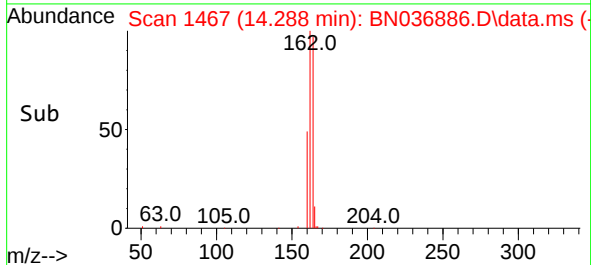
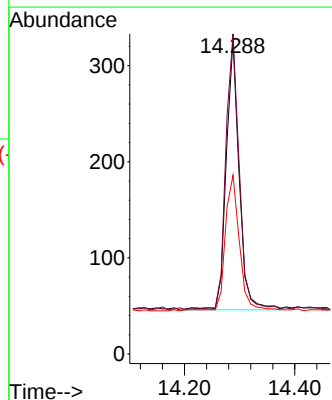
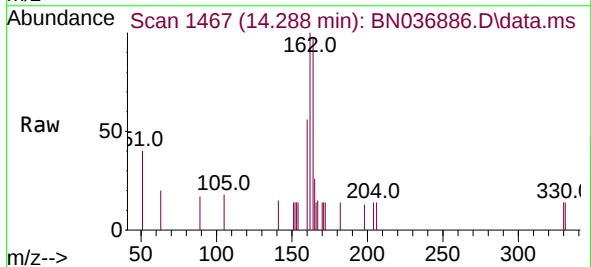
Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-040425

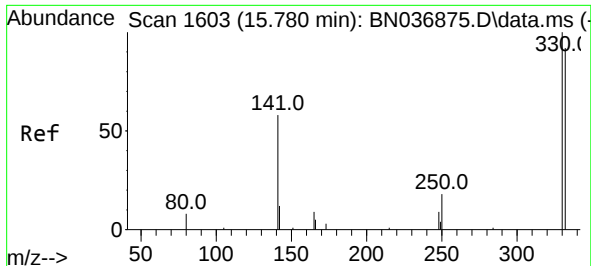
Tgt Ion:152 Resp: 358
Ion Ratio Lower Upper
152 100
151 23.7 17.8 26.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.288 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BN036886.D
Acq: 11 Apr 2025 19:57

Tgt Ion:164 Resp: 456
Ion Ratio Lower Upper
164 100
162 101.8 85.7 128.5
160 56.9 46.9 70.3

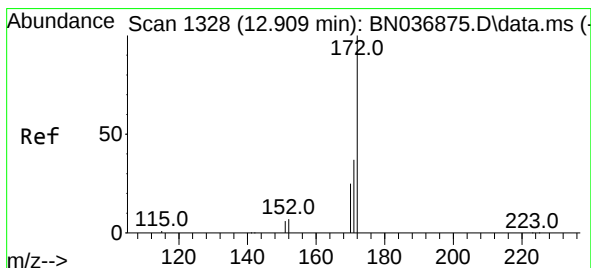
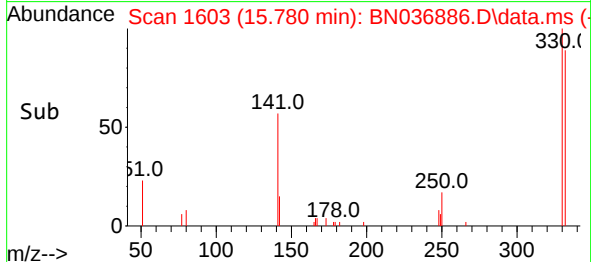
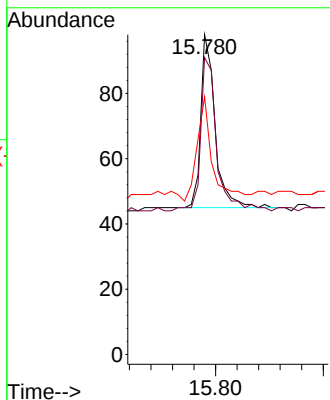
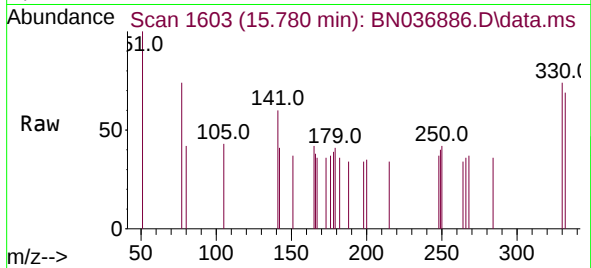




#14
2,4,6-Tribromophenol
Concen: 0.446 ng
RT: 15.780 min Scan# 1603
Delta R.T. -0.000 min
Lab File: BN036886.D
Acq: 11 Apr 2025 19:57

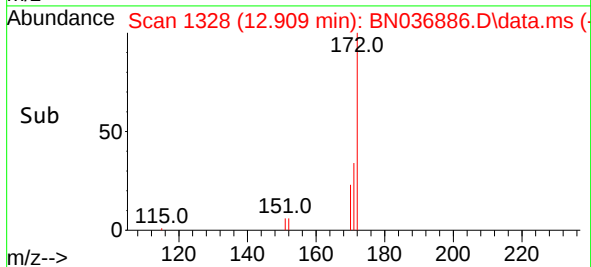
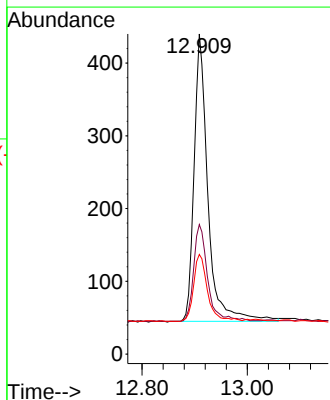
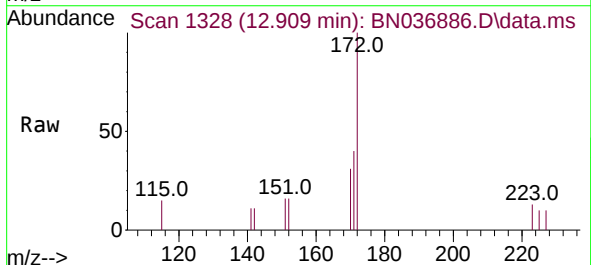
Instrument :
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ClientSampleId :
RMW-02B-66-040425

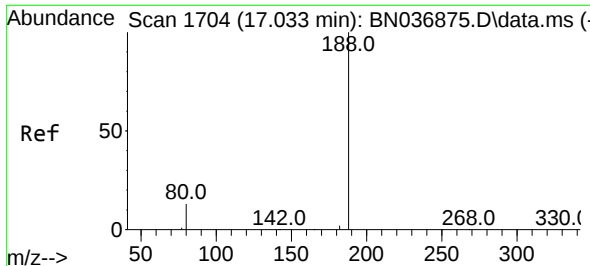
Tgt Ion:	330	Resp:	98
Ion Ratio	Lower	Upper	
330	100		
332	99.0	87.0	130.6
141	64.3	45.3	67.9



#15
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 12.909 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BN036886.D
Acq: 11 Apr 2025 19:57

Tgt Ion:	172	Resp:	832
Ion Ratio	Lower	Upper	
172	100		
171	40.5	32.7	49.1
170	31.1	23.3	34.9

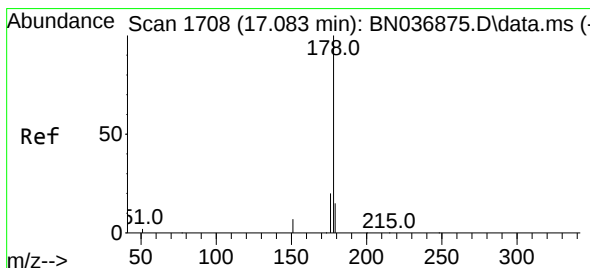
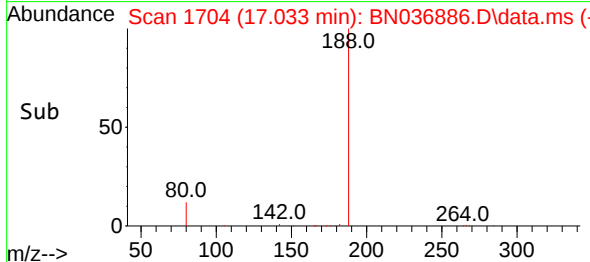
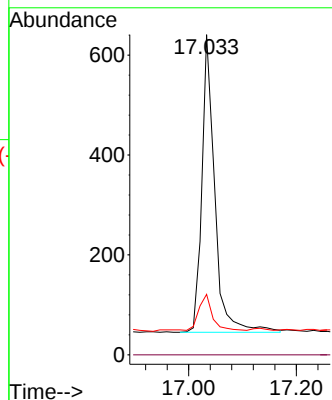
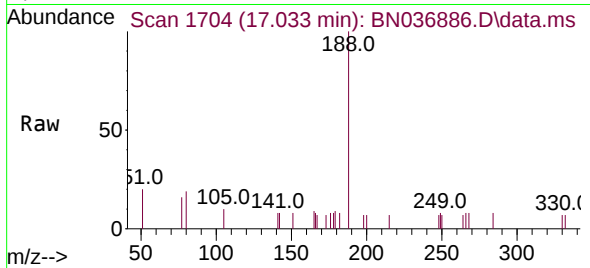




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.033 min Scan# 1704
Delta R.T. -0.000 min
Lab File: BN036886.D
Acq: 11 Apr 2025 19:57

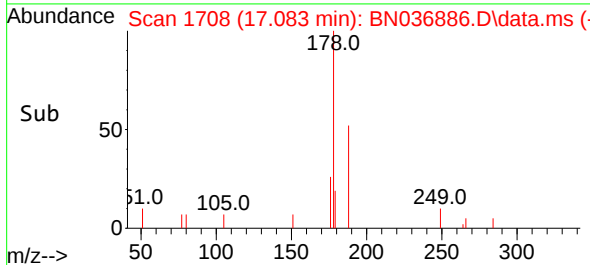
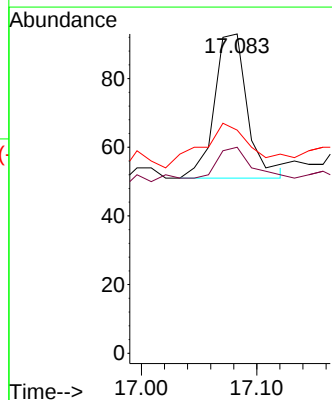
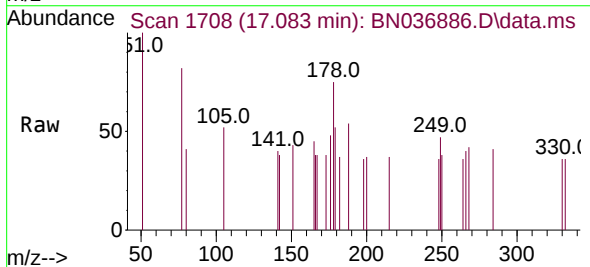
Instrument :
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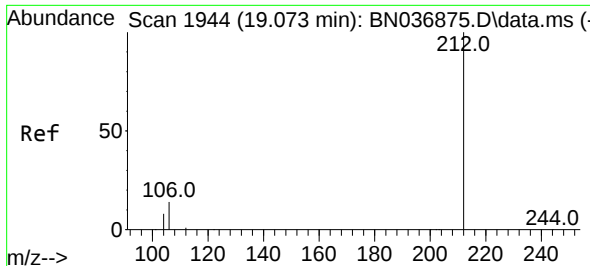
Tgt Ion:188 Resp: 993
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 18.9 13.9 20.9



#25
Phenanthrene
Concen: 0.028 ng
RT: 17.083 min Scan# 1708
Delta R.T. -0.000 min
Lab File: BN036886.D
Acq: 11 Apr 2025 19:57

Tgt Ion:178 Resp: 84
Ion Ratio Lower Upper
178 100
176 31.0 16.6 25.0#
179 50.0 12.8 19.2#

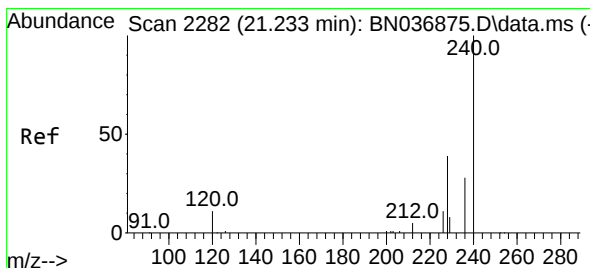
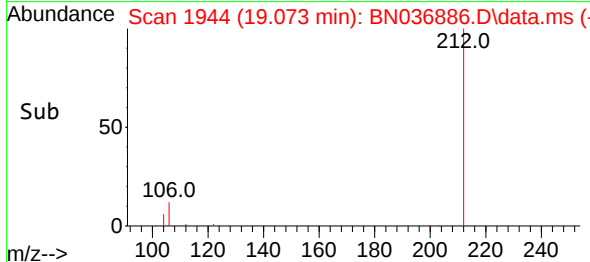
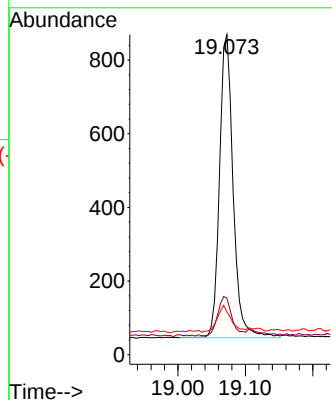
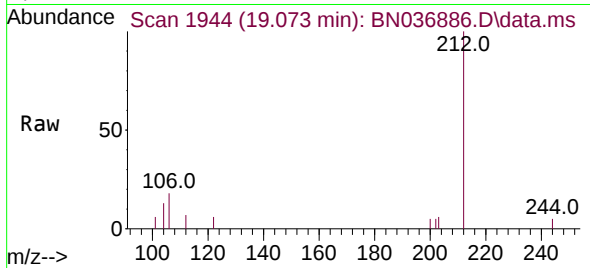




#27
Fluoranthene-d10
Concen: 0.413 ng
RT: 19.073 min Scan# 1944
Delta R.T. -0.000 min
Lab File: BN036886.D
Acq: 11 Apr 2025 19:57

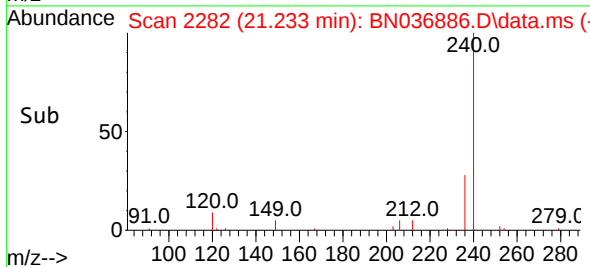
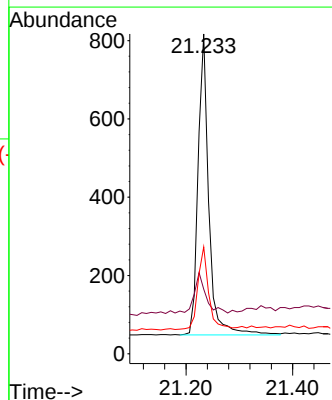
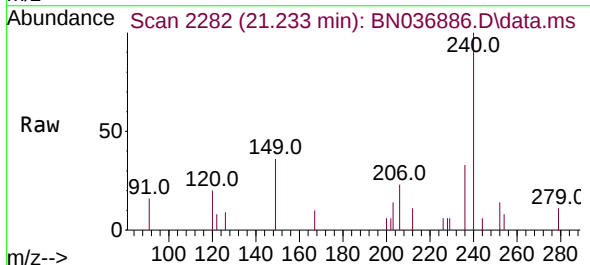
Instrument :
BNA_N
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RMW-02B-66-040425

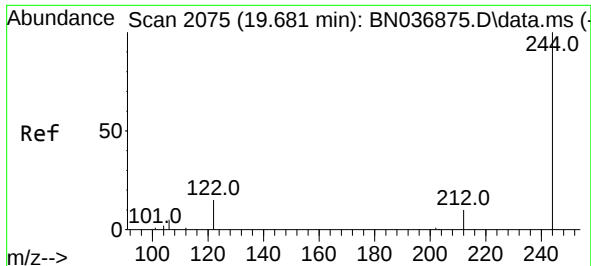
Tgt Ion:212	Resp:	1156
Ion Ratio	Lower	Upper
212	100	
106	13.4	11.2 16.8
104	8.9	7.5 11.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.233 min Scan# 2282
Delta R.T. -0.000 min
Lab File: BN036886.D
Acq: 11 Apr 2025 19:57

Tgt Ion:240	Resp:	1080
Ion Ratio	Lower	Upper
240	100	
120	20.2	15.8 23.6
236	33.4	25.8 38.8

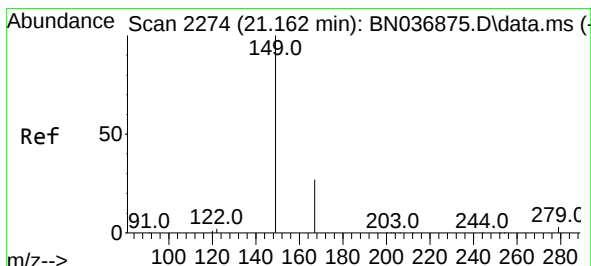
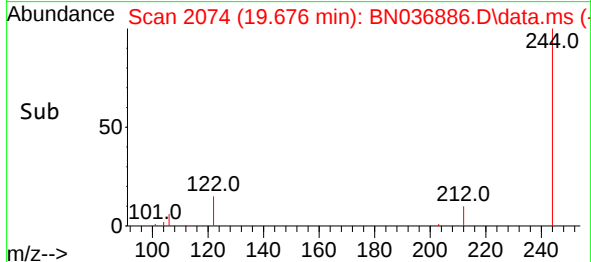
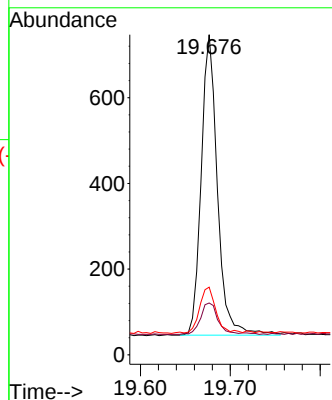
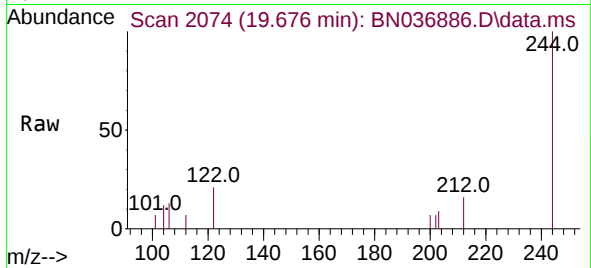




#31
 Terphenyl-d14
 Concen: 0.429 ng
 RT: 19.676 min Scan# 2075
 Delta R.T. -0.005 min
 Lab File: BN036886.D
 Acq: 11 Apr 2025 19:57

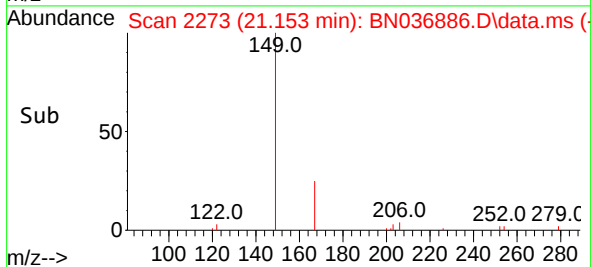
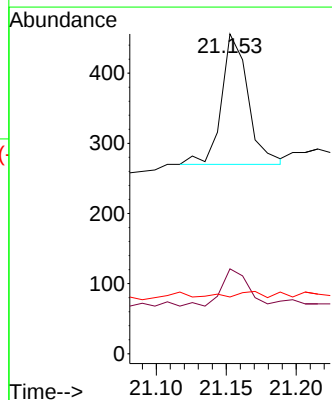
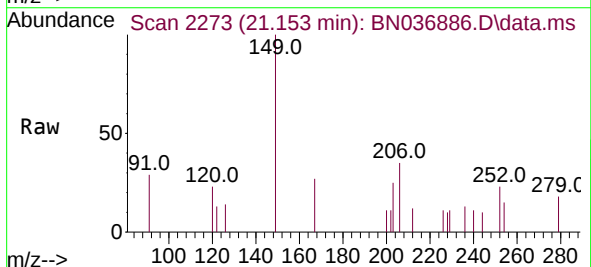
Instrument :
 BNA_N
 ClientSampleId :
 RMW-02B-66-040425

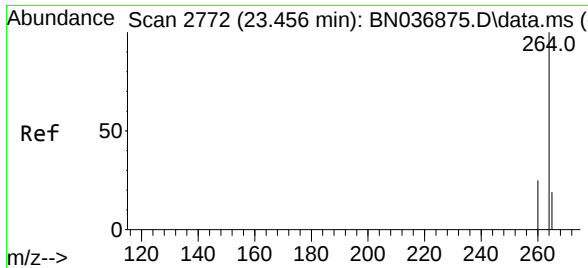
Tgt Ion:244 Resp: 881
 Ion Ratio Lower Upper
 244 100
 212 16.2 11.6 17.4
 122 21.2 14.9 22.3



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.087 ng
 RT: 21.153 min Scan# 2273
 Delta R.T. -0.009 min
 Lab File: BN036886.D
 Acq: 11 Apr 2025 19:57

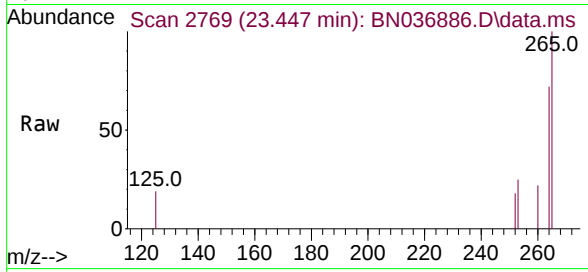
Tgt Ion:149 Resp: 245
 Ion Ratio Lower Upper
 149 100
 167 33.5 21.0 31.4#
 279 4.9 3.6 5.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.447 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN036886.D
Acq: 11 Apr 2025 19:57

Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-040425



Tgt Ion:264 Resp: 1296
Ion Ratio Lower Upper
264 100
260 29.8 22.9 34.3
265 138.4 88.6 132.8#

