

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)

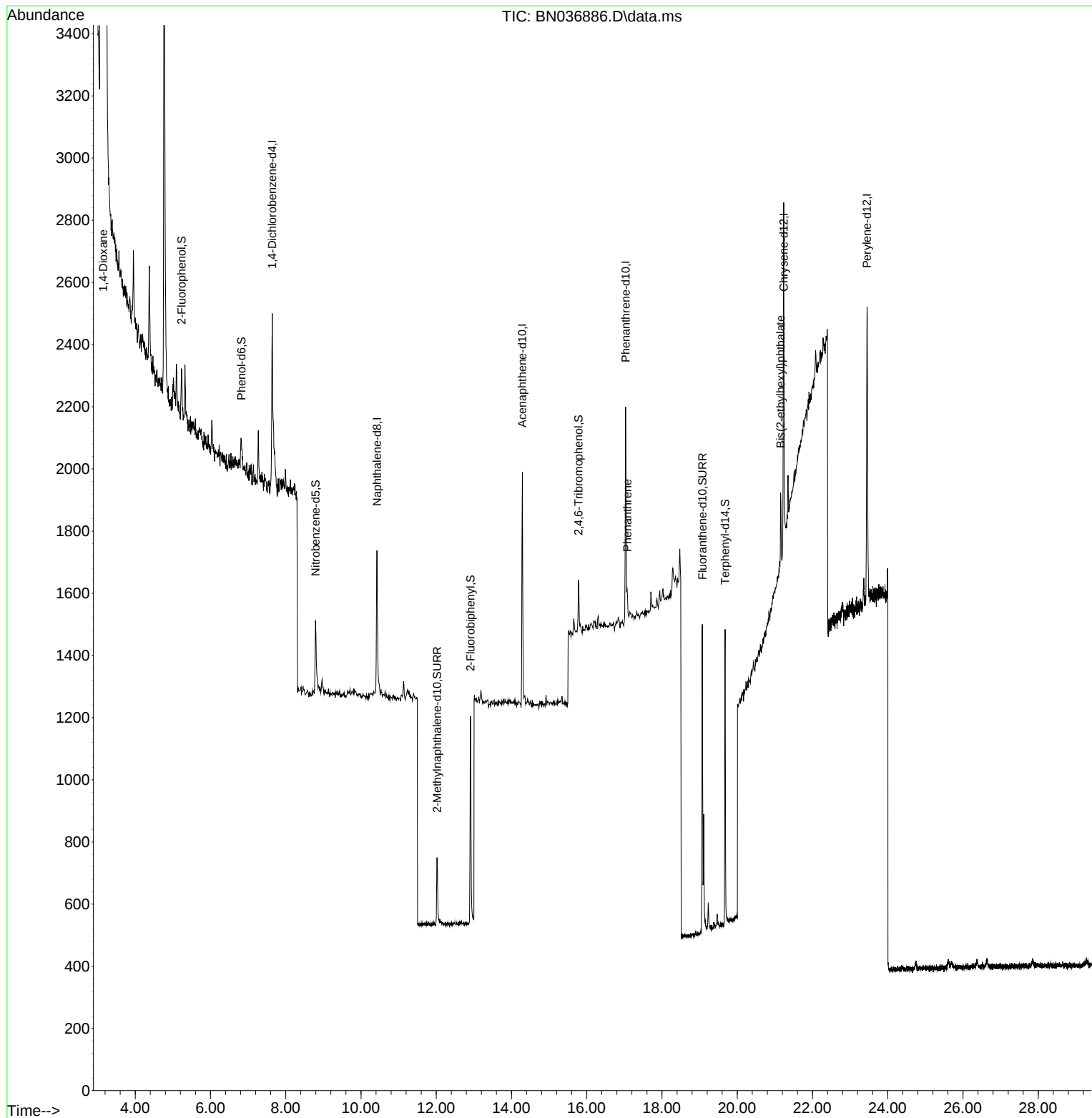
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	274	0.400	ng	0.00
7) Naphthalene-d8	10.426	136	725	0.400	ng	# 0.00
13) Acenaphthene-d10	14.288	164	456	0.400	ng	0.00
19) Phenanthrene-d10	17.033	188	993	0.400	ng	0.00
29) Chrysene-d12	21.233	240	1080	0.400	ng	0.00
35) Perylene-d12	23.447	264	1296	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.235	112	126m	0.195	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	9469m	29.808	ng	
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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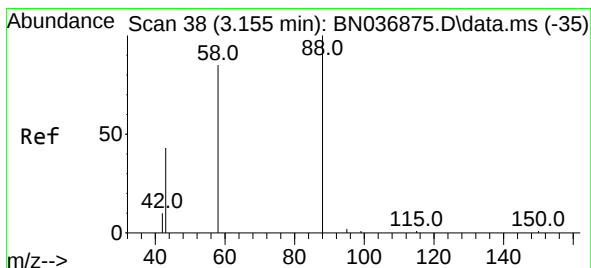
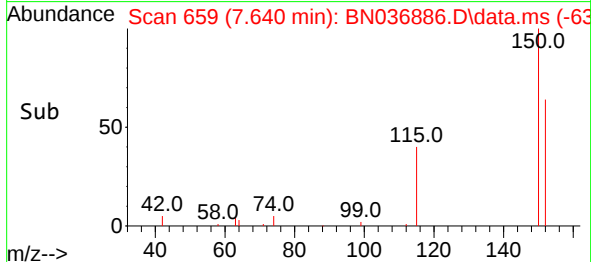
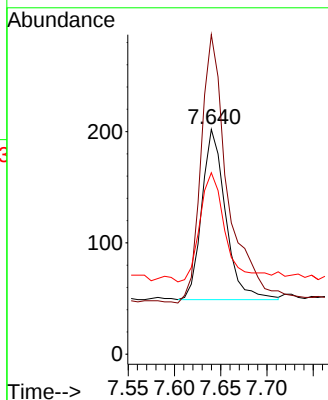
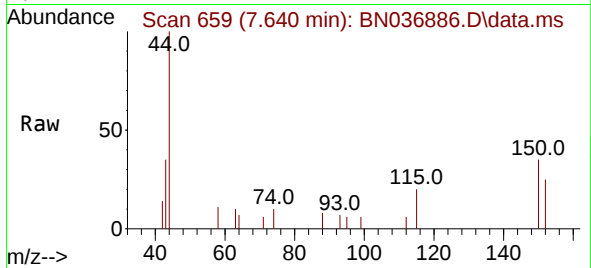




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.640 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN036886.D
 Acq: 11 Apr 2025 19:57

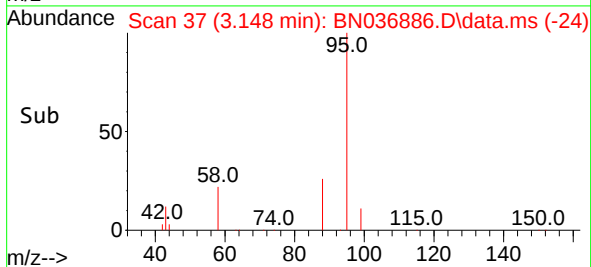
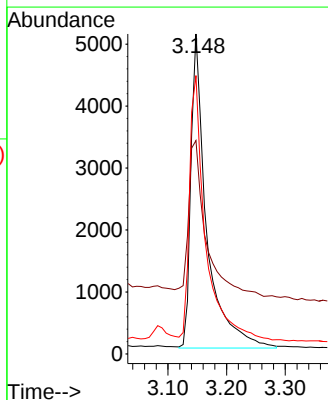
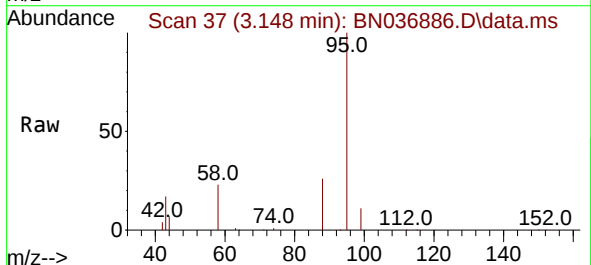
Instrument :
 BNA_N
 ClientSampleId :
 RMW-02B-66-040425

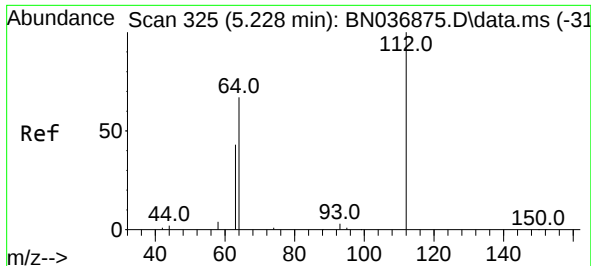
Tgt Ion:152 Resp: 274
 Ion Ratio Lower Upper
 152 100
 150 142.1 123.0 184.6
 115 80.7 60.1 90.1



#2
 1,4-Dioxane
 Concen: 29.808 ng m
 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: 9469
 Ion Ratio Lower Upper
 88 100
 43 45.9 39.2 58.8
 58 79.8 63.5 95.3





#4

2-Fluorophenol

Concen: 0.195 ng m

RT: 5.235 min Scan# 31

Delta R.T. 0.007 min

Lab File: BN036886.D

Acq: 11 Apr 2025 19:57

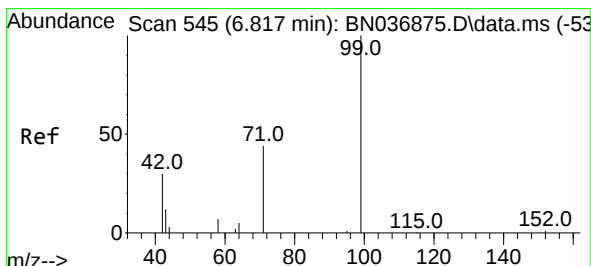
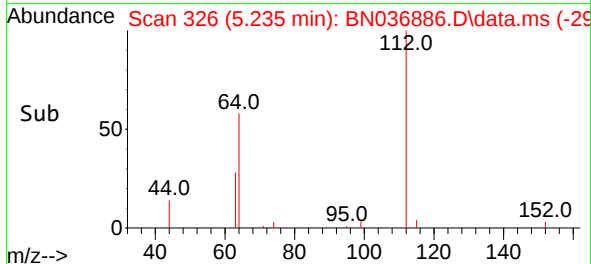
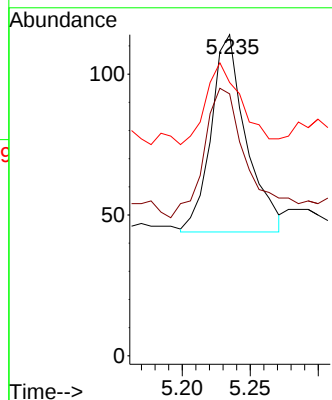
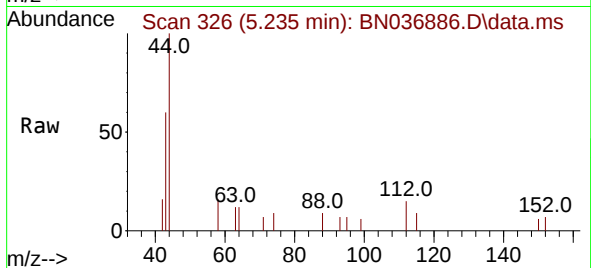
Instrument :

BNA_N

ClientSampleId :

RMW-02B-66-040425

Tgt Ion:	112	Resp:	126
Ion	Ratio	Lower	Upper
112	100		
64	95.2	54.0	81.0#
63	46.8	35.1	52.7



#5

Phenol-d6

Concen: 0.104 ng

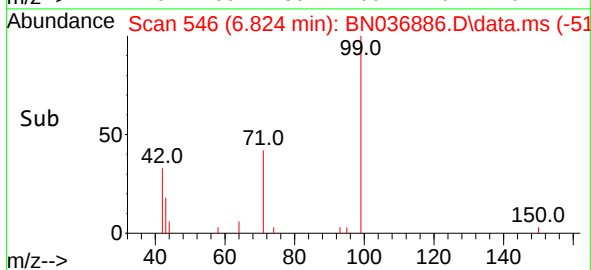
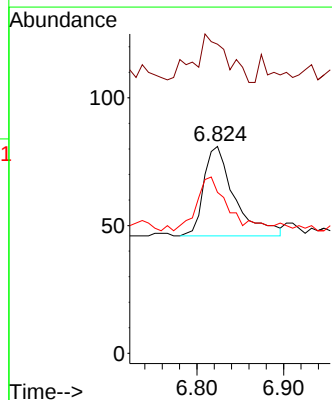
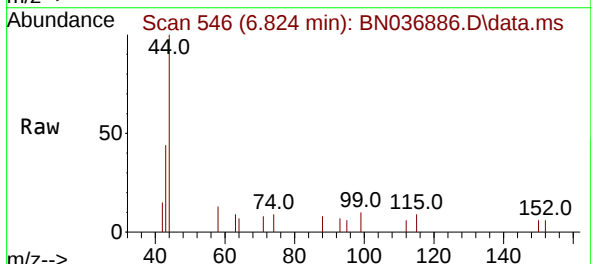
RT: 6.824 min Scan# 546

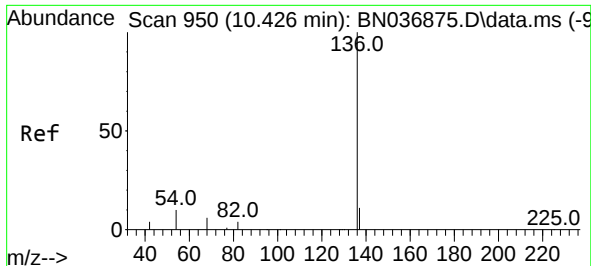
Delta R.T. 0.007 min

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#

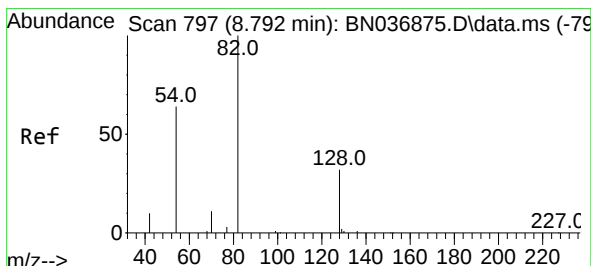
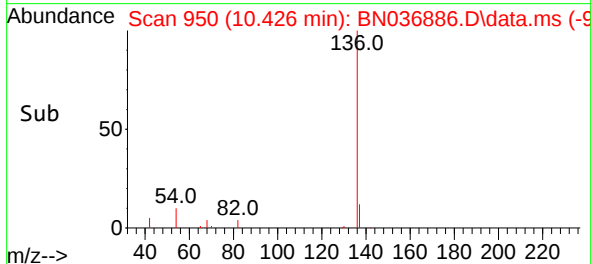
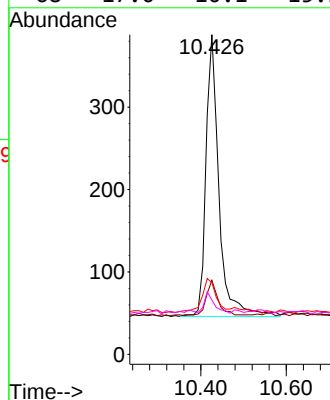
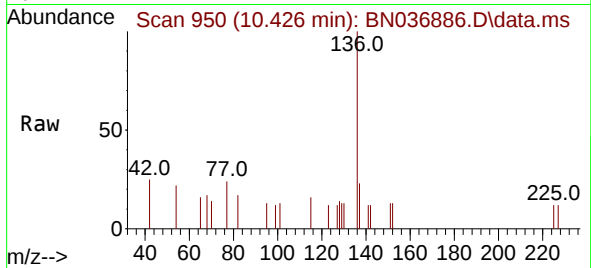




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.426 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN036886.D
Acq: 11 Apr 2025 19:57

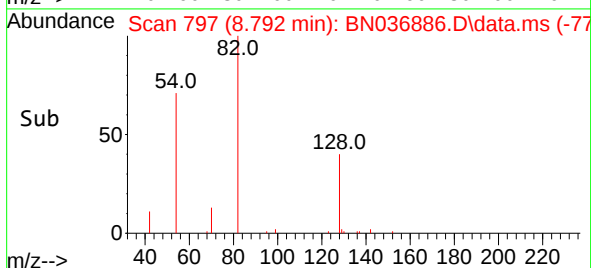
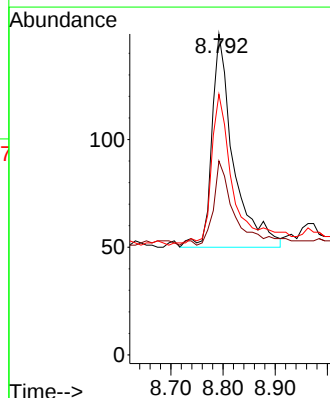
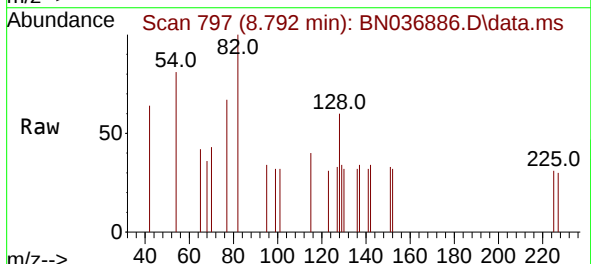
Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-040425

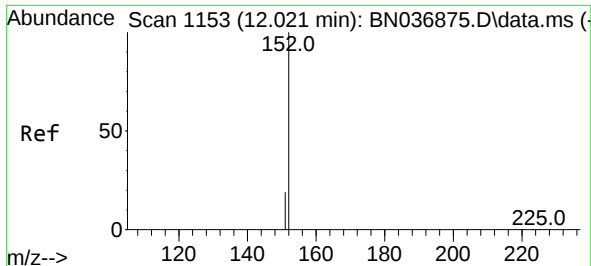
Tgt Ion:	136	Resp:	725
Ion	Ratio	Lower	Upper
136	100		
137	23.2	13.5	20.3#
54	22.4	12.8	19.2#
68	17.0	10.1	15.1#



#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

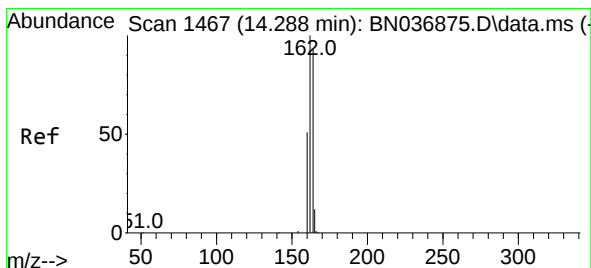
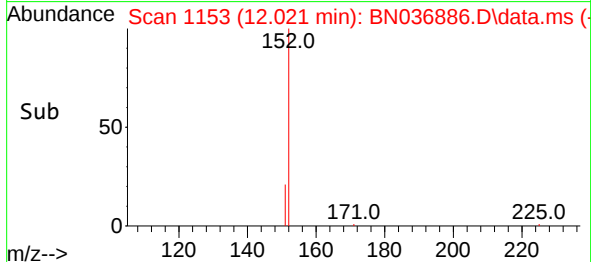
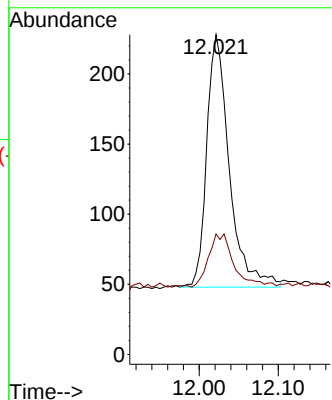
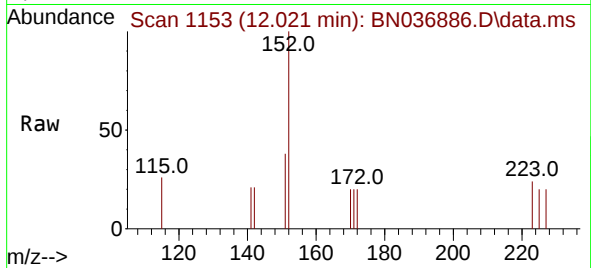




#11
2-Methylnaphthalene-d10
Concen: 0.340 ng
RT: 12.021 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BN036886.D
Acq: 11 Apr 2025 19:57

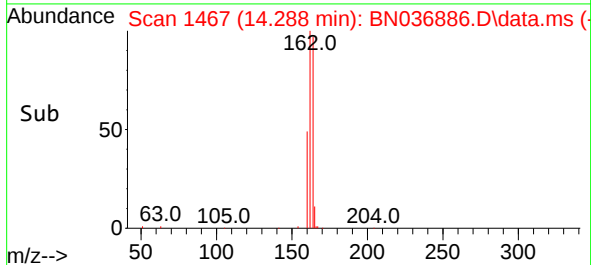
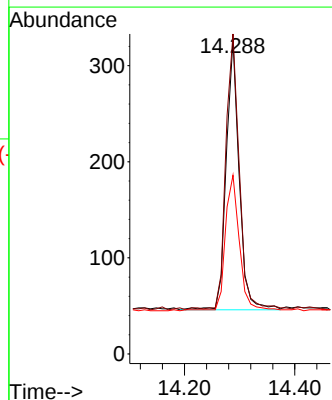
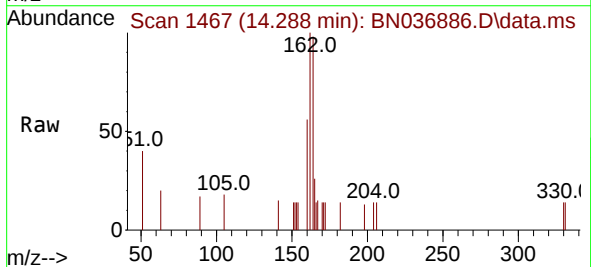
Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-040425

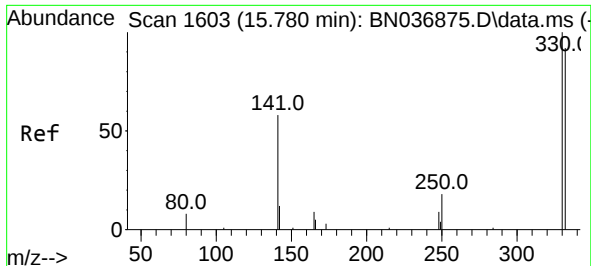
Tgt Ion:152 Resp: 358
Ion Ratio Lower Upper
152 100
151 23.7 17.8 26.8



#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

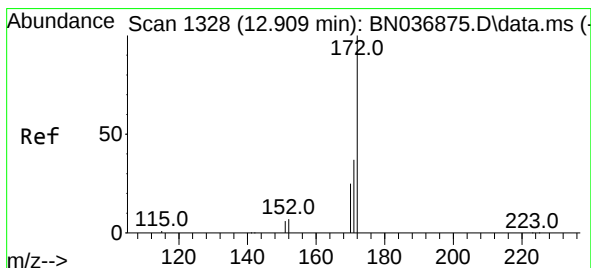
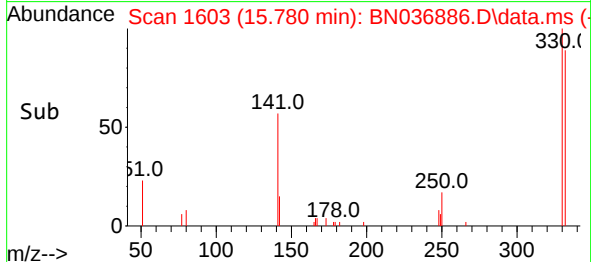
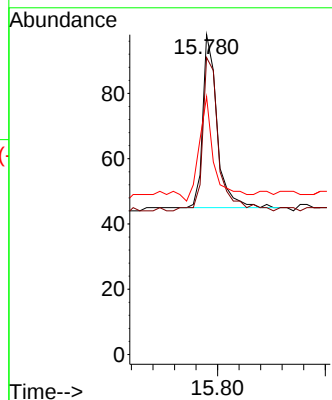
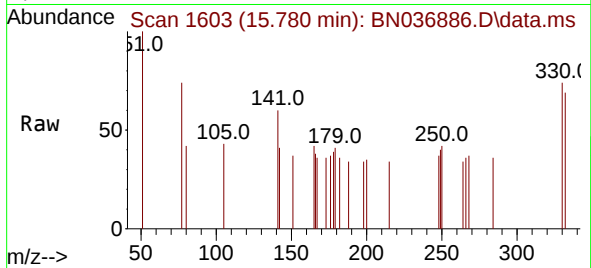




#14
2,4,6-Tribromophenol
Concen: 0.446 ng
RT: 15.780 min Scan# 1603
Delta R.T. -0.000 min
Lab File: BN036886.D
Acq: 11 Apr 2025 19:57

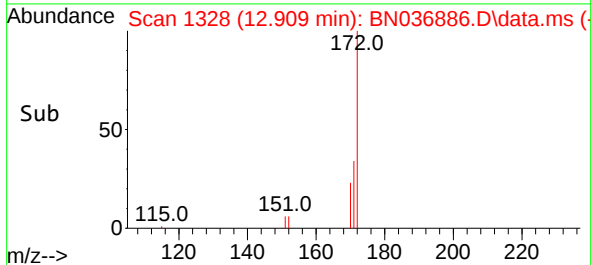
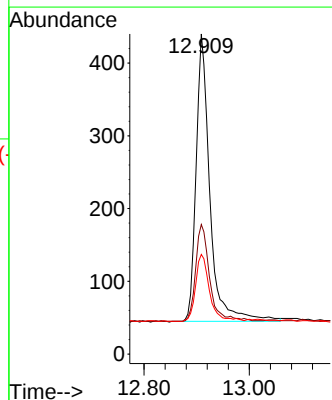
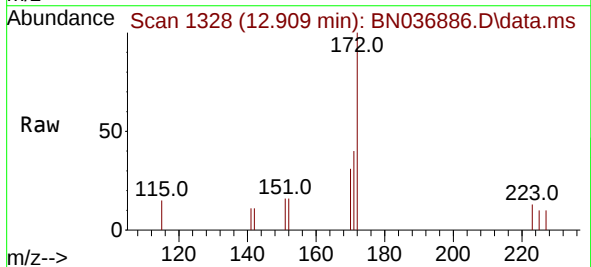
Instrument :
BNA_N
ClientSampleId :
RMW-02B-66-040425

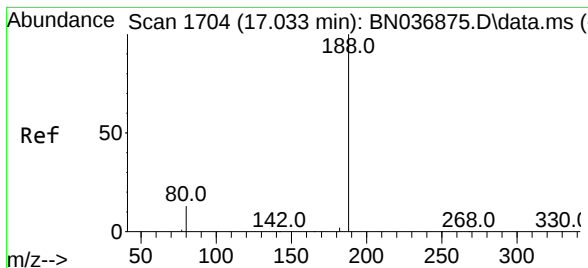
Tgt Ion:330 Resp: 98
Ion Ratio Lower Upper
330 100
332 99.0 87.0 130.6
141 64.3 45.3 67.9



#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# 1

Delta R.T. -0.000 min

Lab File: BN036886.D

Acq: 11 Apr 2025 19:57

Instrument :

BNA_N

ClientSampleId :

RMW-02B-66-040425

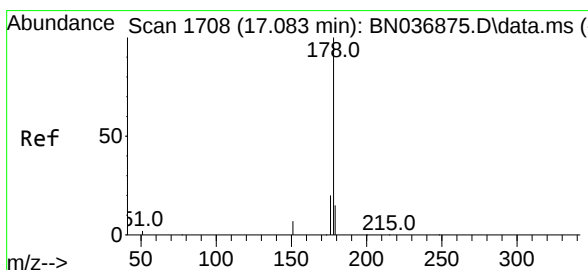
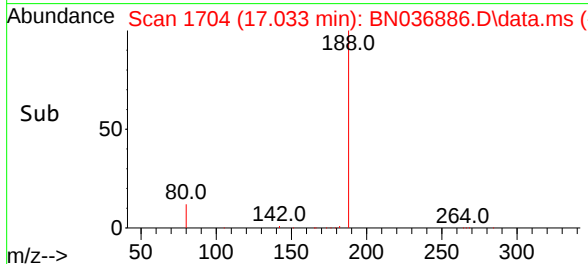
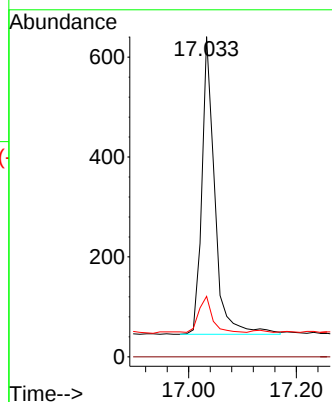
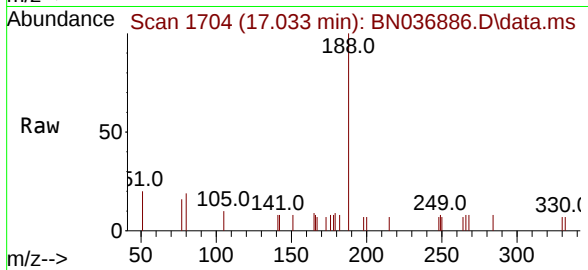
Tgt Ion:188 Resp: 993

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

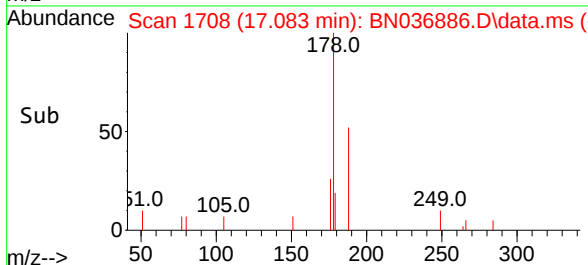
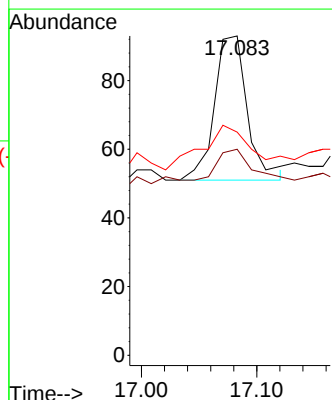
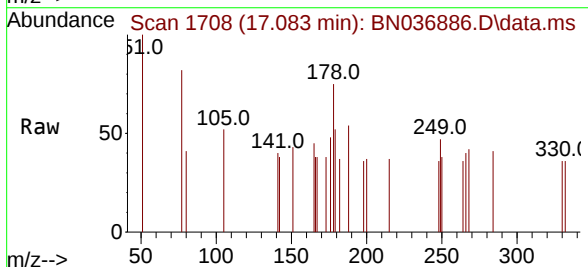
Tgt Ion:178 Resp: 84

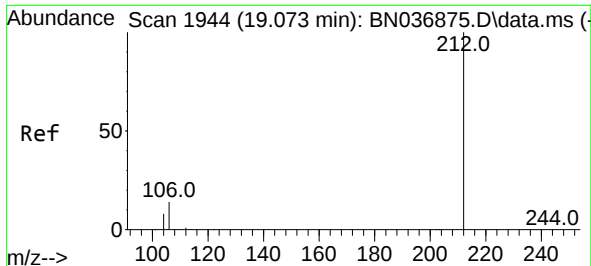
Ion Ratio Lower Upper

178 100

176 31.0 16.6 25.0#

179 50.0 12.8 19.2#

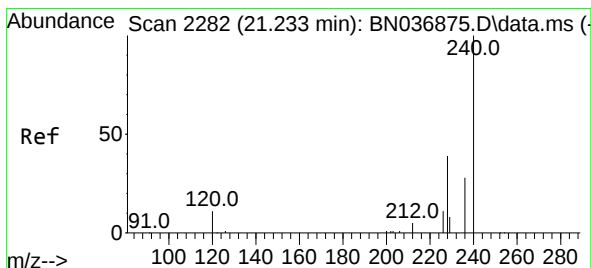
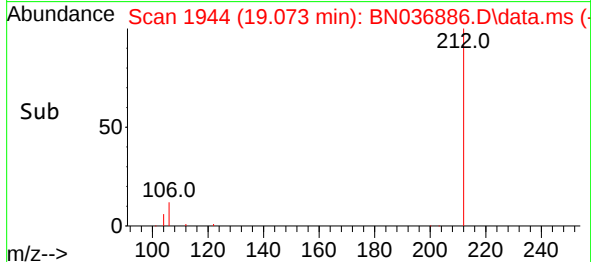
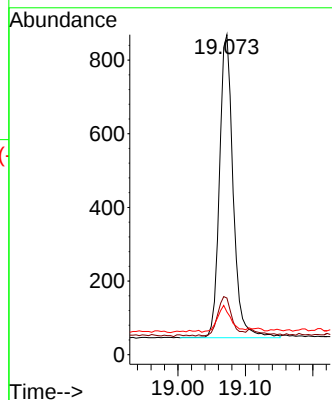
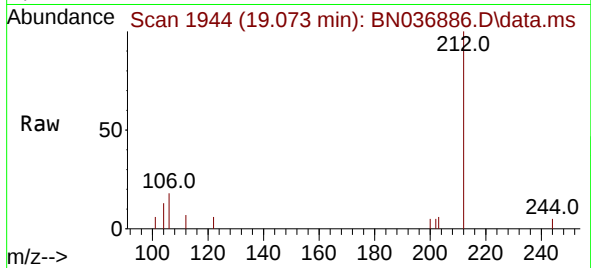




#27
Fluoranthene-d10
Concen: 0.413 ng
RT: 19.073 min Scan# 1944
Delta R.T. -0.000 min
Lab File: BN036886.D
Acq: 11 Apr 2025 19:57

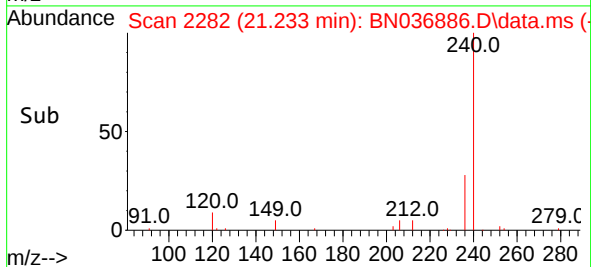
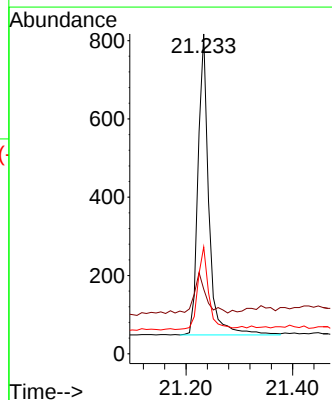
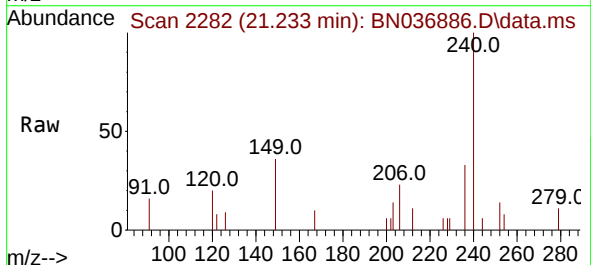
Instrument :
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RMW-02B-66-040425

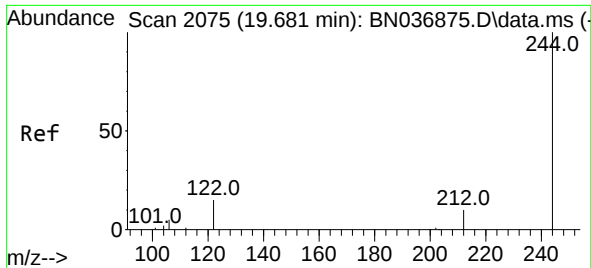
Tgt Ion:212 Resp: 1156
Ion Ratio Lower Upper
212 100
106 13.4 11.2 16.8
104 8.9 7.5 11.3



#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

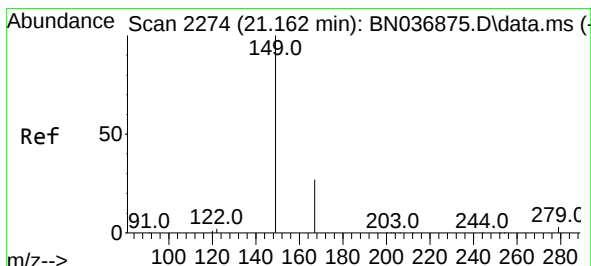
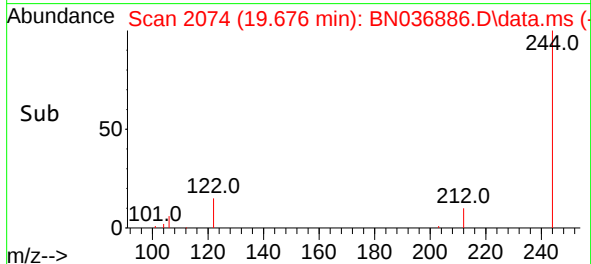
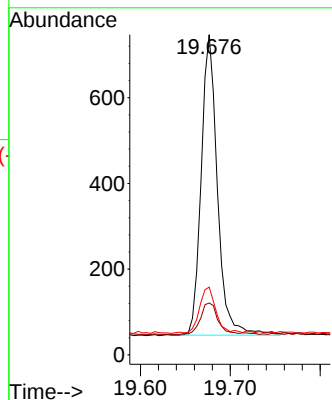
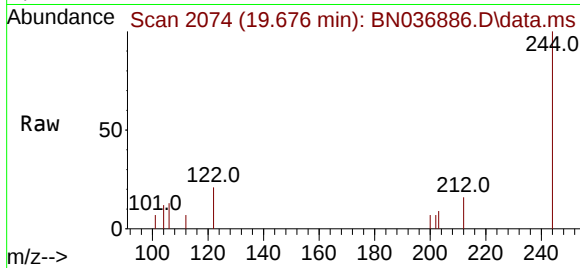




#31
 Terphenyl-d14
 Concen: 0.429 ng
 RT: 19.676 min Scan# 2074
 Delta R.T. -0.005 min
 Lab File: BN036886.D
 Acq: 11 Apr 2025 19:57

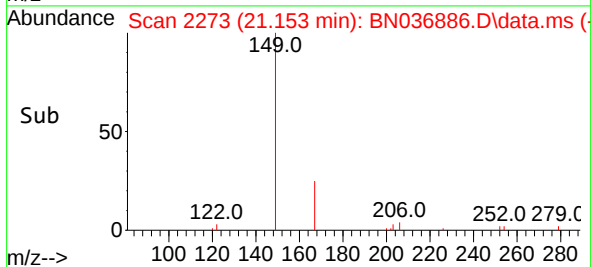
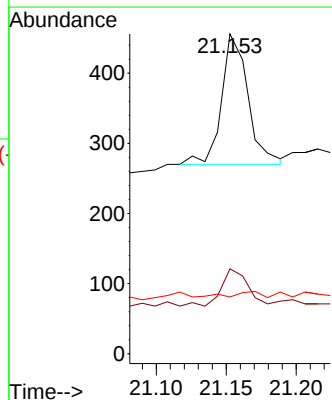
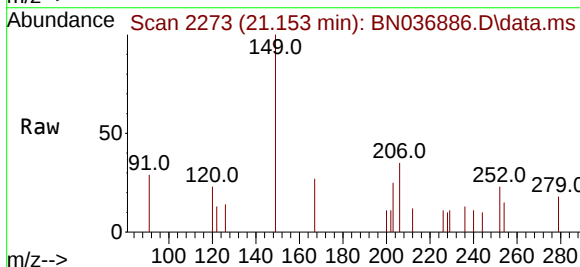
Instrument :
 BNA_N
 ClientSampleId :
 RMW-02B-66-040425

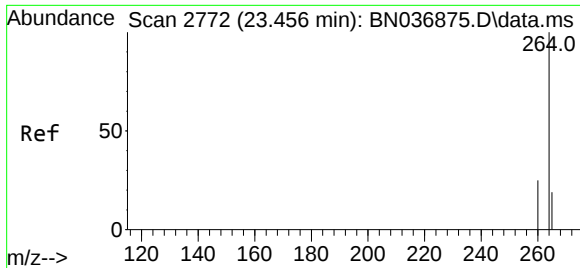
Tgt Ion:244	Resp:	881
Ion Ratio	Lower	Upper
244	100	
212	16.2	11.6 17.4
122	21.2	14.9 22.3



#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

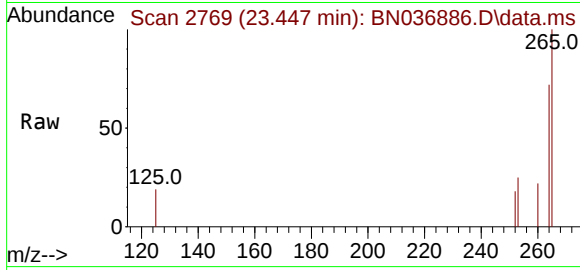
Tgt Ion:149	Resp:	245	
Ion	Ratio	Lower	Upper
149	100		
167	33.5	21.0	31.4#
279	4.9	3.6	5.4





#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#

