

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121525\
 Data File : BN038406.D
 Acq On : 15 Dec 2025 15:57
 Operator : RC/JU
 Sample : Q3839-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COAN3

Quant Time: Dec 15 16:32:53 2025
 Quant Title :
 QLast Update : Wed Dec 10 13:56:50 2025
 Response via : Initial Calibration

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

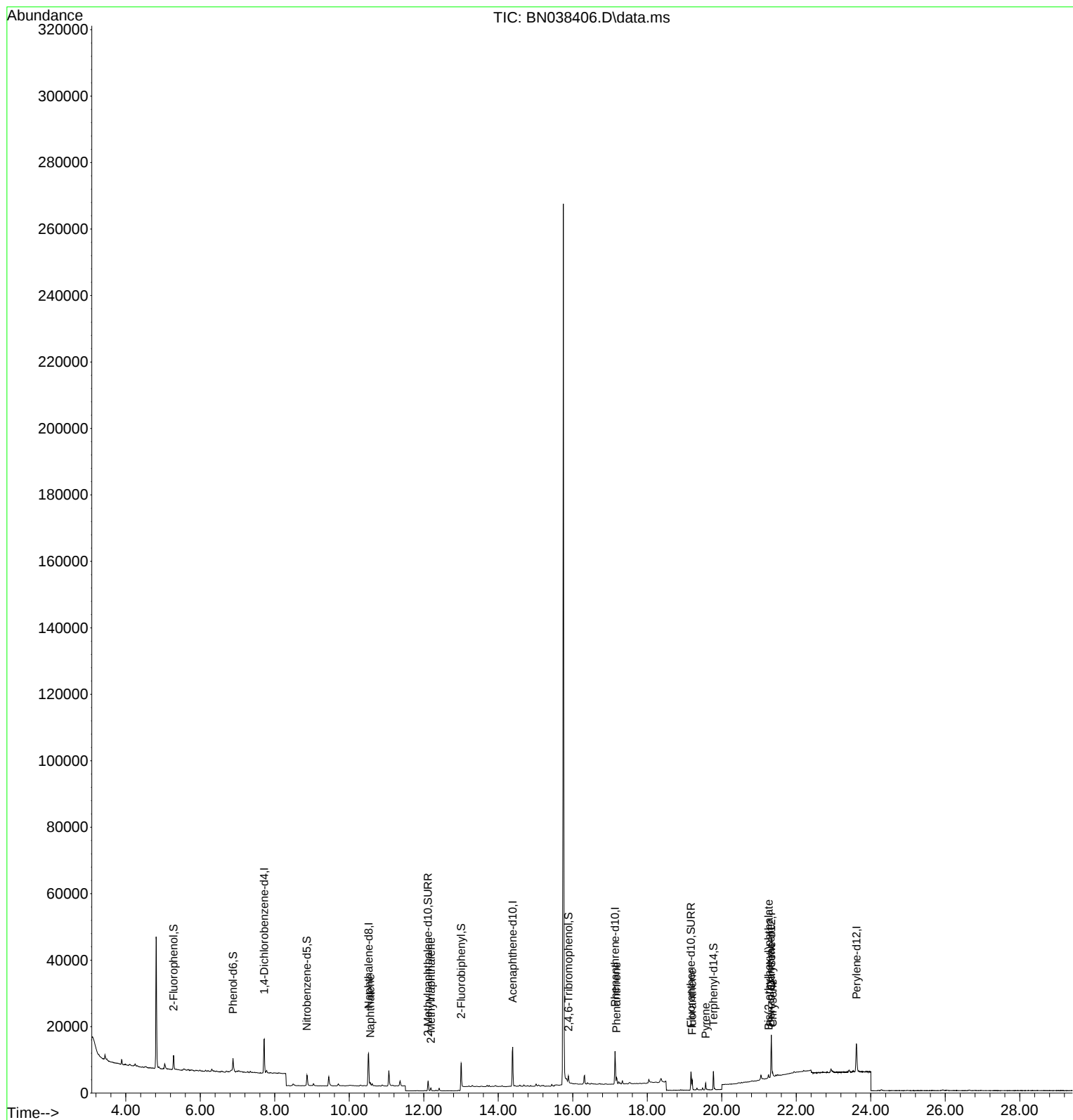
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	5307	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	14210	0.400	ng	-0.01
13) Acenaphthene-d10	14.388	164	7090	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	12510	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	10898	0.400	ng	0.00
35) Perylene-d12	23.616	264	11692	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	3508	0.265	ng	0.00
5) Phenol-d6	6.879	99	3804	0.242	ng	0.00
8) Nitrobenzene-d5	8.865	82	2818	0.235	ng	-0.01
11) 2-Methylnaphthalene-d10	12.116	152	4124	0.206	ng	-0.01
14) 2,4,6-Tribromophenol	15.882	330	1060	0.337	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	9674	0.283	ng	0.00
27) Fluoranthene-d10	19.174	212	5976	0.193	ng	-0.01
31) Terphenyl-d14	19.777	244	5217	0.215	ng	-0.01
Target Compounds						Qvalue
9) Naphthalene	10.562	128	1244	0.030	ng	# 82
12) 2-Methylnaphthalene	12.192	142	670	0.025	ng	# 88
25) Phenanthrene	17.173	178	2218	0.051	ng	97
28) Fluoranthene	19.206	202	2642	0.057	ng	# 95
30) Pyrene	19.568	202	1782	0.033	ng	# 94
32) Benzo(a)anthracene	21.313	228	860	0.020	ng	# 68
33) Chrysene	21.366	228	1450	0.031	ng	# 82
34) Bis(2-ethylhexyl)phtha...	21.259	149	1149	0.050	ng	# 99

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

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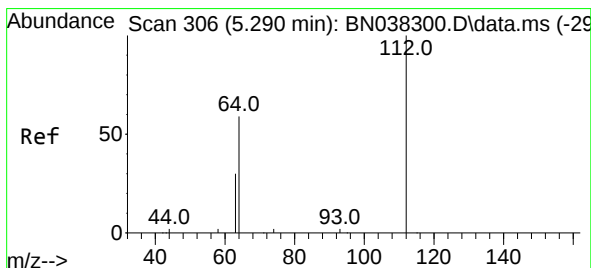
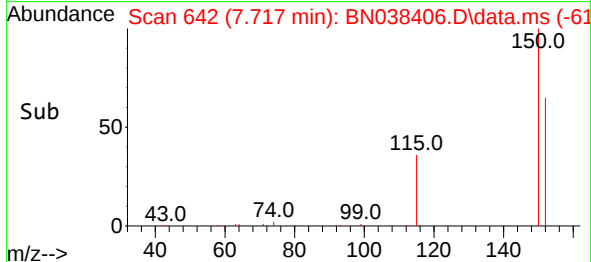
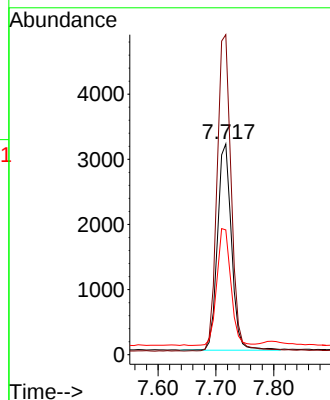
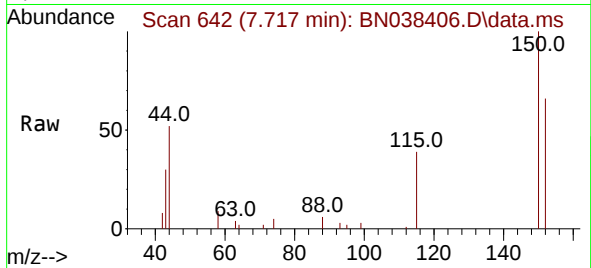




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038406.D
Acq: 15 Dec 2025 15:57

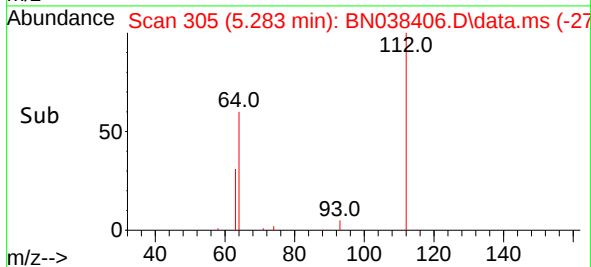
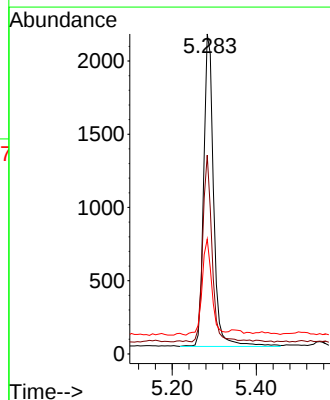
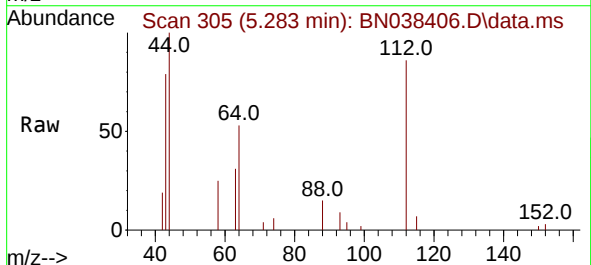
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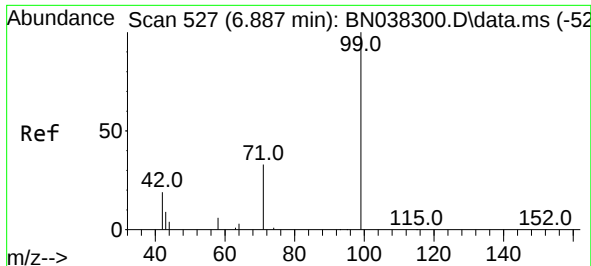
Tgt Ion:152 Resp: 5307
Ion Ratio Lower Upper
152 100
150 151.9 122.4 183.6
115 59.2 47.3 70.9



#4
2-Fluorophenol
Concen: 0.265 ng
RT: 5.283 min Scan# 305
Delta R.T. -0.007 min
Lab File: BN038406.D
Acq: 15 Dec 2025 15:57

Tgt Ion:112 Resp: 3508
Ion Ratio Lower Upper
112 100
64 55.0 44.4 66.6
63 29.7 23.4 35.0

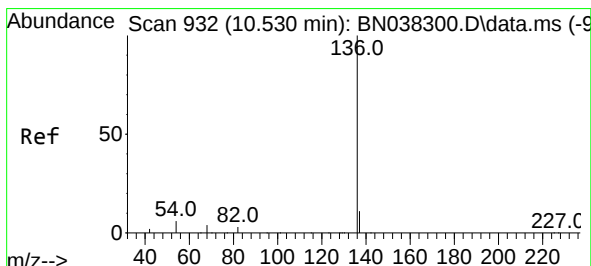
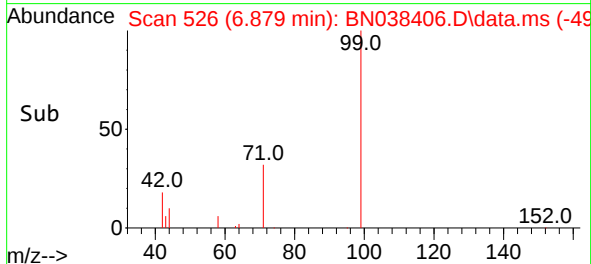
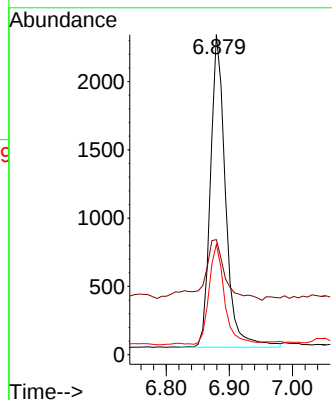
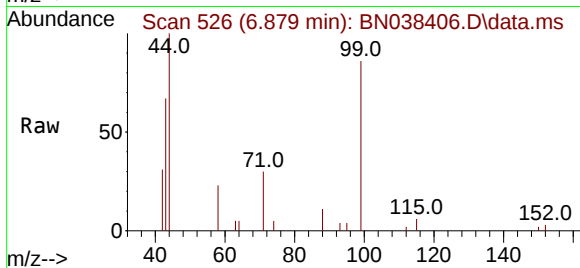




#5
Phenol-d6
Concen: 0.242 ng
RT: 6.879 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN038406.D
Acq: 15 Dec 2025 15:57

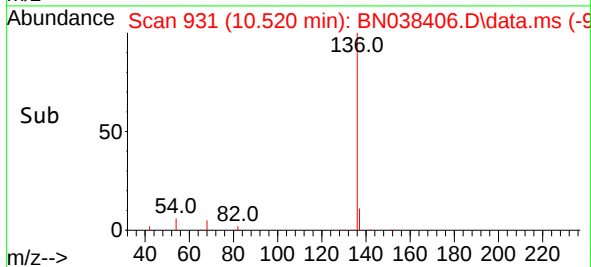
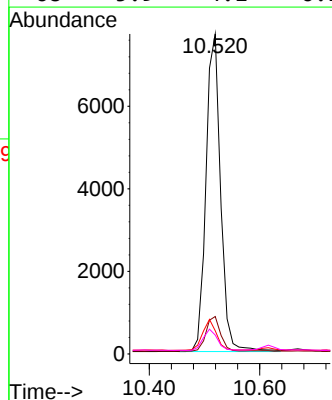
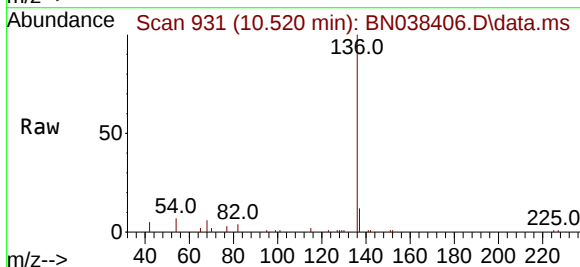
Instrument :
BNA_N
ClientSampleId :
COAN3

Tgt Ion: 99 Resp: 3804
Ion Ratio Lower Upper
99 100
42 23.6 16.5 24.7
71 32.6 24.9 37.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 931
Delta R.T. -0.011 min
Lab File: BN038406.D
Acq: 15 Dec 2025 15:57

Tgt Ion: 136 Resp: 14210
Ion Ratio Lower Upper
136 100
137 11.7 9.1 13.7
54 7.3 5.2 7.8
68 5.9 4.1 6.1

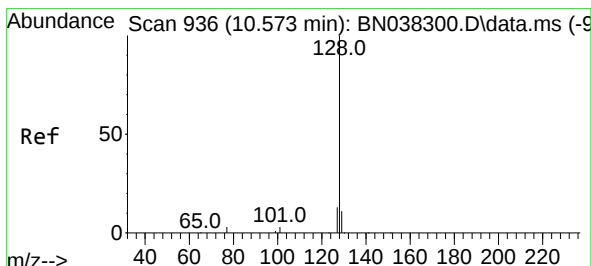
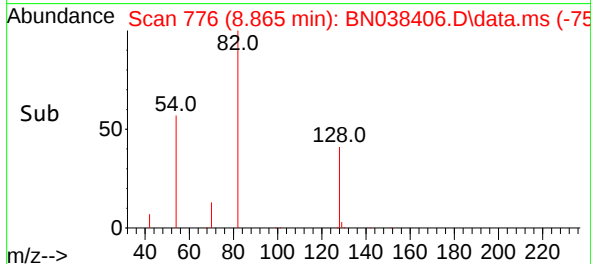
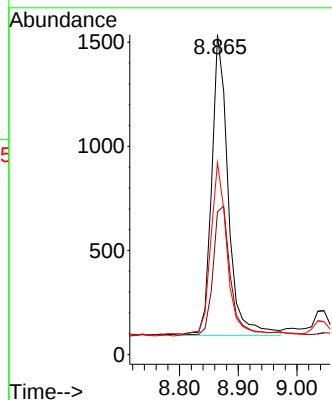
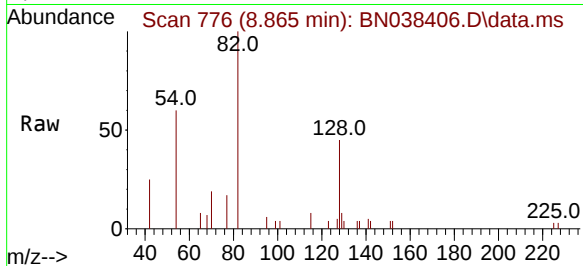




#8
Nitrobenzene-d5
Concen: 0.235 ng
RT: 8.865 min Scan# 777
Delta R.T. -0.011 min
Lab File: BN038406.D
Acq: 15 Dec 2025 15:57

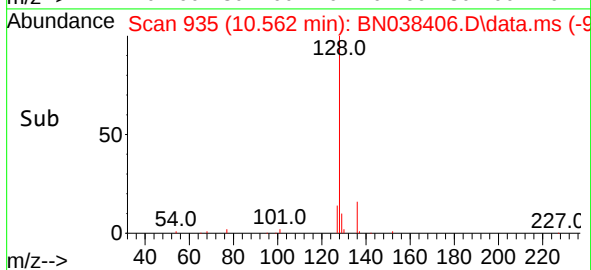
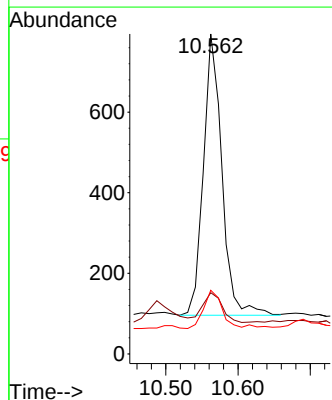
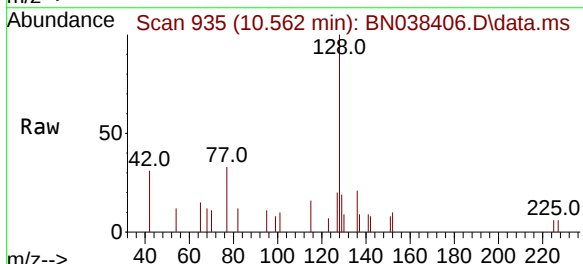
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BNA_N
ClientSampleId :
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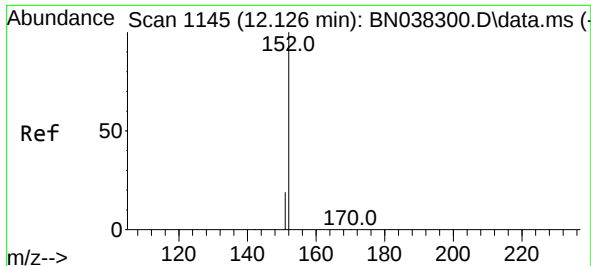
Tgt Ion: 82 Resp: 2818
Ion Ratio Lower Upper
82 100
128 44.7 34.0 51.0
54 60.0 44.4 66.6



#9
Naphthalene
Concen: 0.030 ng
RT: 10.562 min Scan# 935
Delta R.T. -0.011 min
Lab File: BN038406.D
Acq: 15 Dec 2025 15:57

Tgt Ion: 128 Resp: 1244
Ion Ratio Lower Upper
128 100
129 19.1 9.1 13.7#
127 19.9 10.9 16.3#

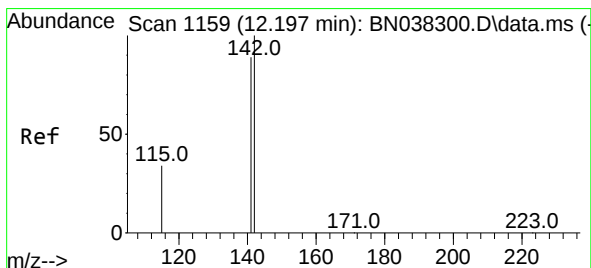
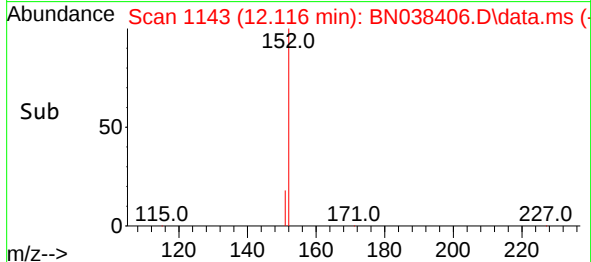
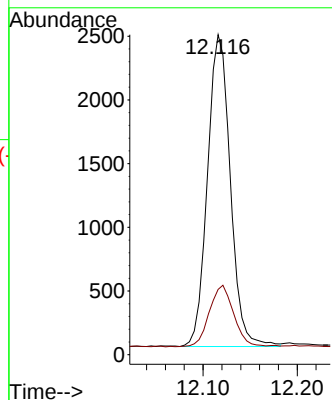
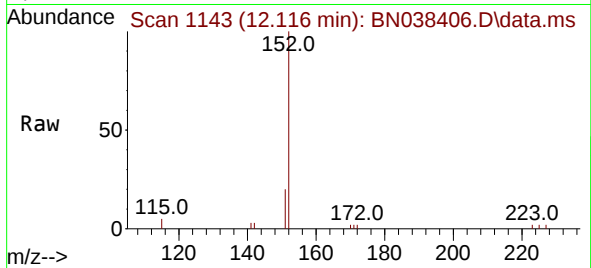




#11
2-Methylnaphthalene-d10
Concen: 0.206 ng
RT: 12.116 min Scan# 1143
Delta R.T. -0.010 min
Lab File: BN038406.D
Acq: 15 Dec 2025 15:57

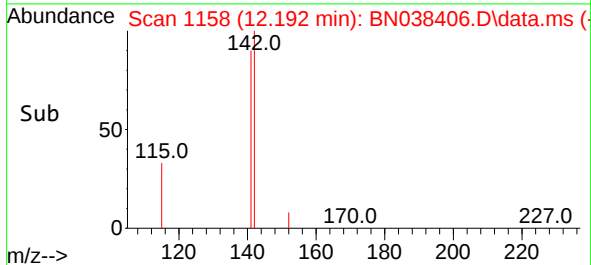
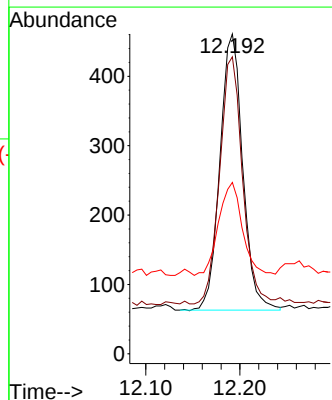
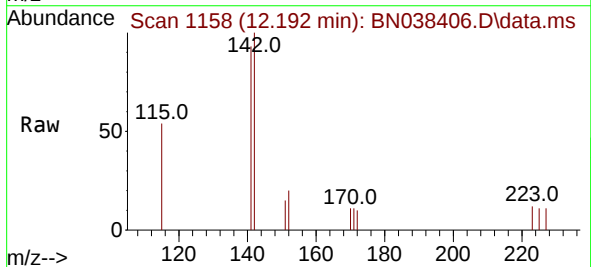
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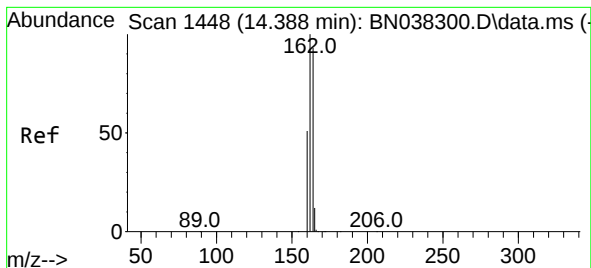
Tgt Ion:152 Resp: 4124
Ion Ratio Lower Upper
152 100
151 21.1 17.0 25.6



#12
2-Methylnaphthalene
Concen: 0.025 ng
RT: 12.192 min Scan# 1158
Delta R.T. -0.010 min
Lab File: BN038406.D
Acq: 15 Dec 2025 15:57

Tgt Ion:142 Resp: 670
Ion Ratio Lower Upper
142 100
141 92.8 71.4 107.2
115 53.6 28.4 42.6#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.388 min Scan# 1448

Delta R.T. -0.011 min

Lab File: BN038406.D

Acq: 15 Dec 2025 15:57

Instrument :

BNA_N

ClientSampleId :

COAN3

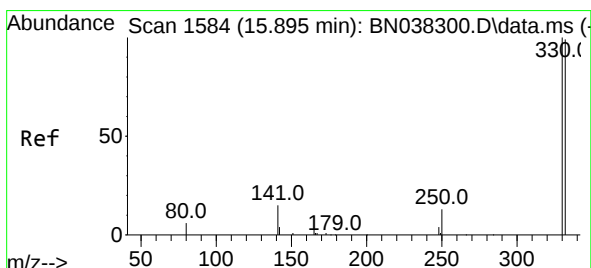
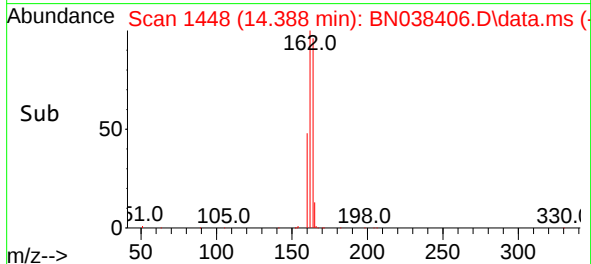
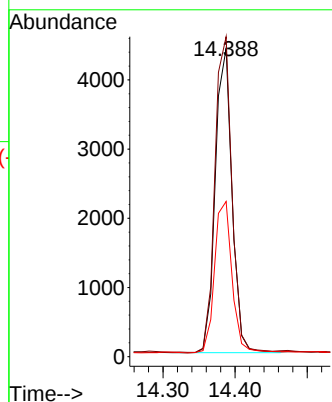
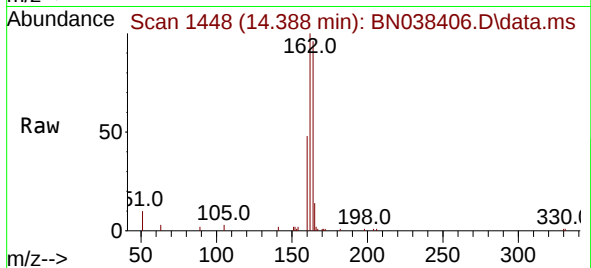
Tgt Ion:164 Resp: 7090

Ion Ratio Lower Upper

164 100

162 103.7 86.2 129.4

160 50.3 44.6 67.0



#14

2,4,6-Tribromophenol

Concen: 0.337 ng

RT: 15.882 min Scan# 1583

Delta R.T. -0.012 min

Lab File: BN038406.D

Acq: 15 Dec 2025 15:57

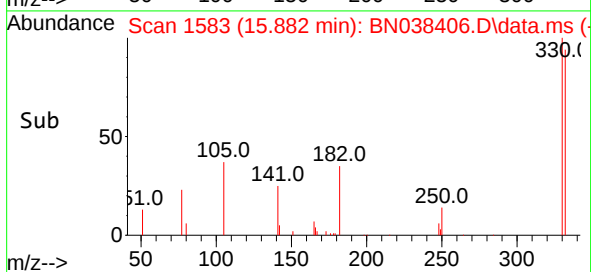
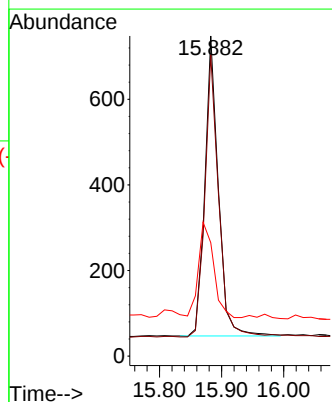
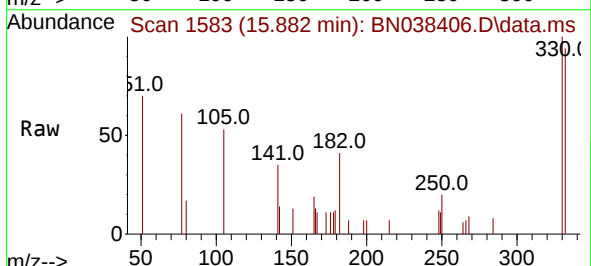
Tgt Ion:330 Resp: 1060

Ion Ratio Lower Upper

330 100

332 96.8 75.8 113.6

141 35.5 31.8 47.8

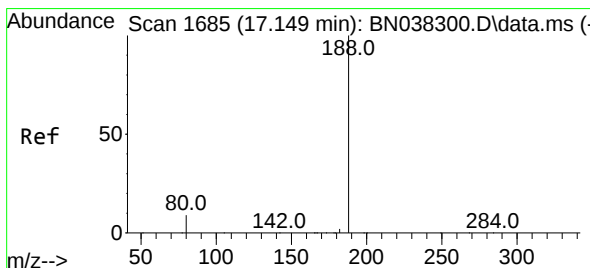
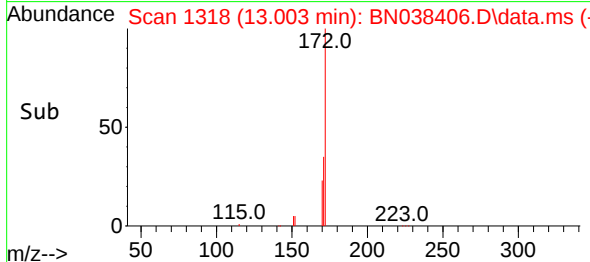
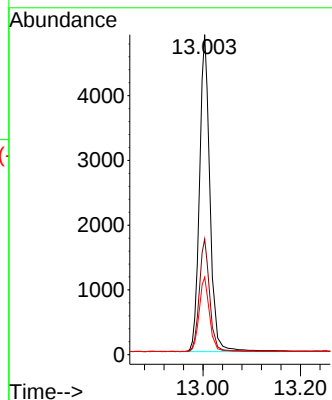
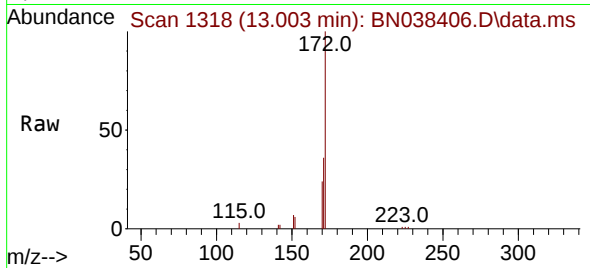




#15
2-Fluorobiphenyl
Concen: 0.283 ng
RT: 13.003 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN038406.D
Acq: 15 Dec 2025 15:57

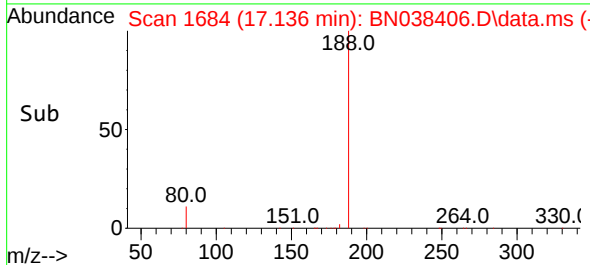
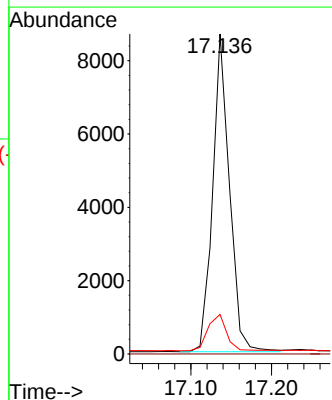
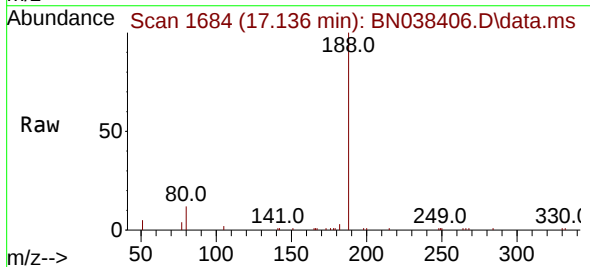
Instrument :
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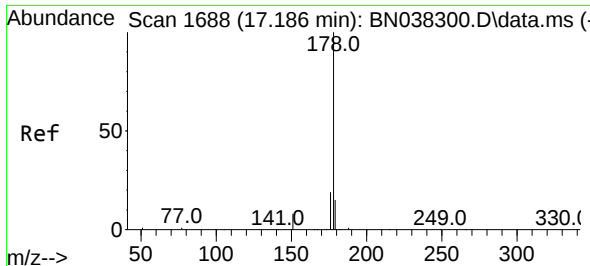
Tgt Ion:172 Resp: 9674
Ion Ratio Lower Upper
172 100
171 36.1 28.6 42.8
170 24.2 19.3 28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN038406.D
Acq: 15 Dec 2025 15:57

Tgt Ion:188 Resp: 12510
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.3 7.4 11.0#

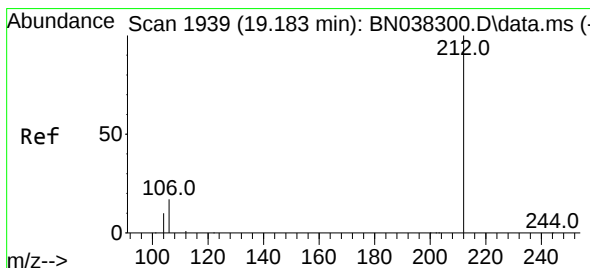
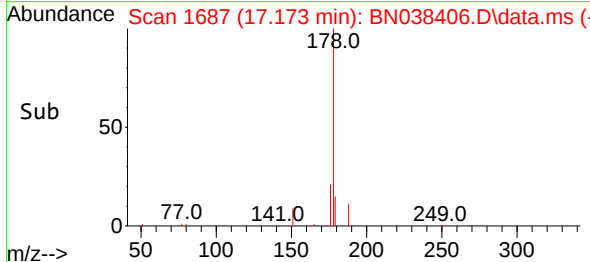
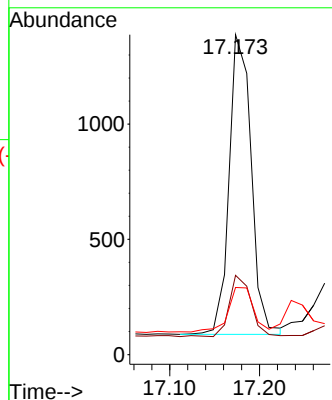
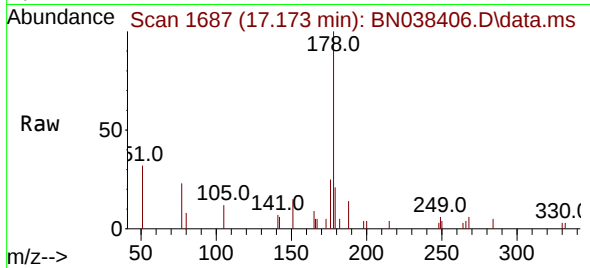




#25
Phenanthrene
Concen: 0.051 ng
RT: 17.173 min Scan# 1687
Delta R.T. -0.012 min
Lab File: BN038406.D
Acq: 15 Dec 2025 15:57

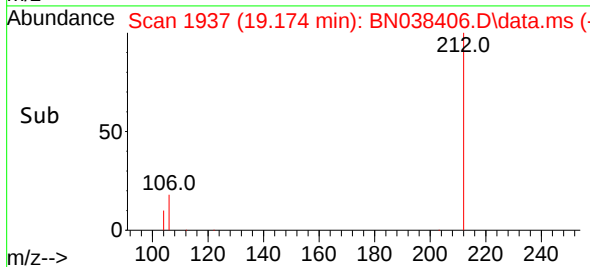
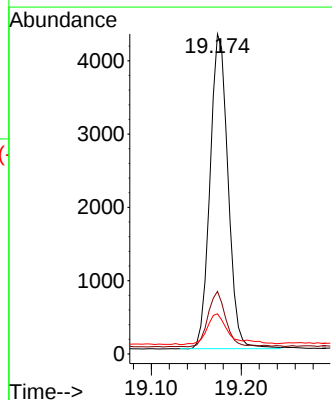
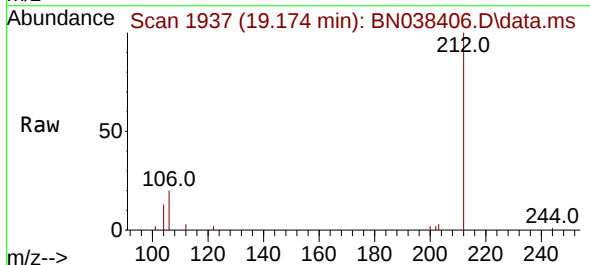
Instrument :
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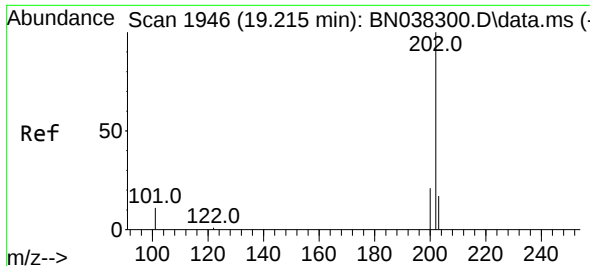
Tgt Ion:178 Resp: 2218
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 17.2 12.2 18.2



#27
Fluoranthene-d10
Concen: 0.193 ng
RT: 19.174 min Scan# 1937
Delta R.T. -0.014 min
Lab File: BN038406.D
Acq: 15 Dec 2025 15:57

Tgt Ion:212 Resp: 5976
Ion Ratio Lower Upper
212 100
106 17.4 13.7 20.5
104 12.1 7.8 11.8#

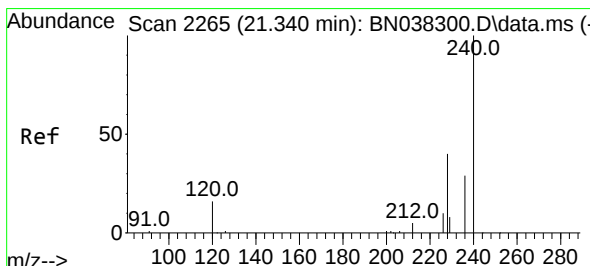
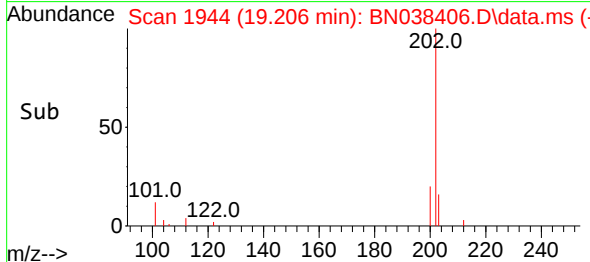
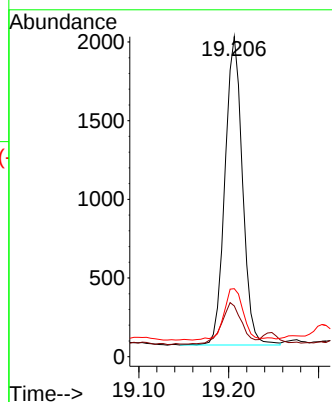
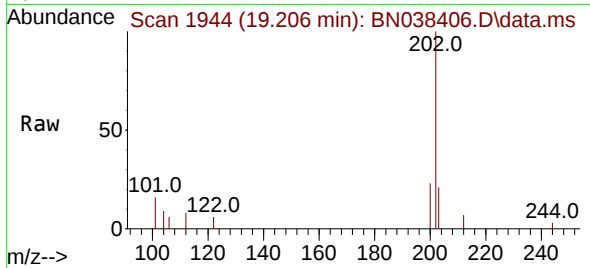




#28
Fluoranthene
Concen: 0.057 ng
RT: 19.206 min Scan# 1944
Delta R.T. -0.014 min
Lab File: BN038406.D
Acq: 15 Dec 2025 15:57

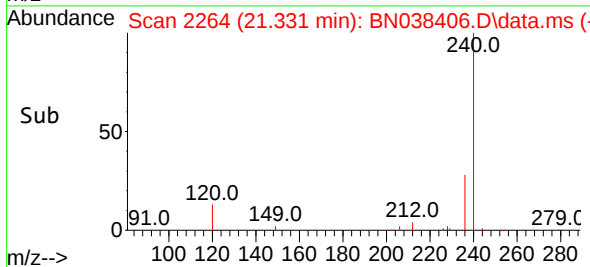
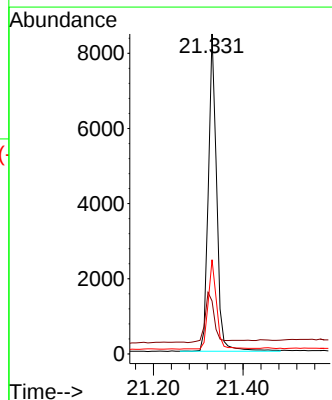
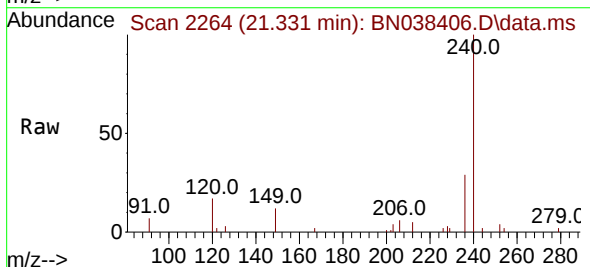
Instrument :
BNA_N
ClientSampleId :
COAN3

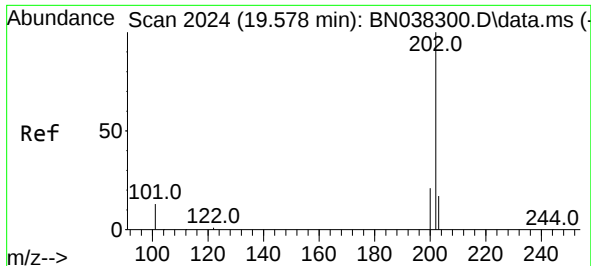
Tgt Ion:202 Resp: 2642
Ion Ratio Lower Upper
202 100
101 15.2 9.6 14.4#
203 18.3 13.5 20.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 2264
Delta R.T. -0.009 min
Lab File: BN038406.D
Acq: 15 Dec 2025 15:57

Tgt Ion:240 Resp: 10898
Ion Ratio Lower Upper
240 100
120 16.6 15.4 23.2
236 29.5 23.9 35.9

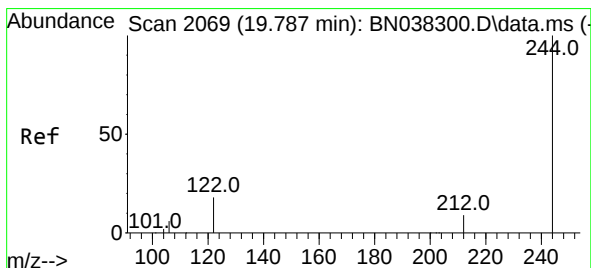
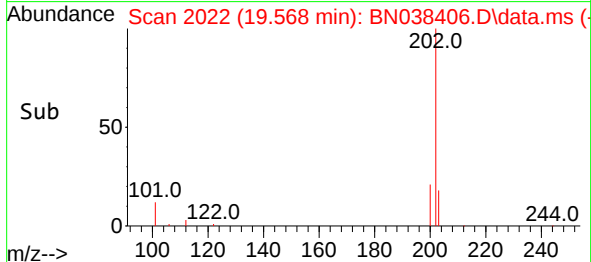
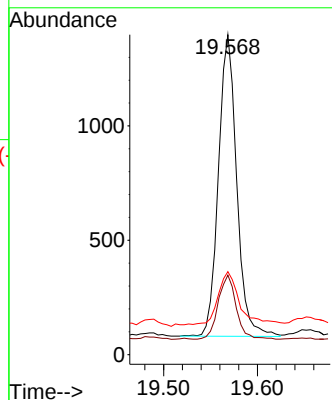
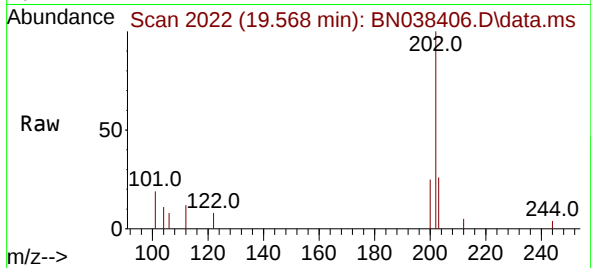




#30
Pyrene
Concen: 0.033 ng
RT: 19.568 min Scan# 2022
Delta R.T. -0.014 min
Lab File: BN038406.D
Acq: 15 Dec 2025 15:57

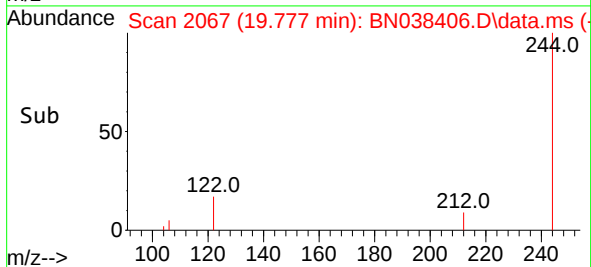
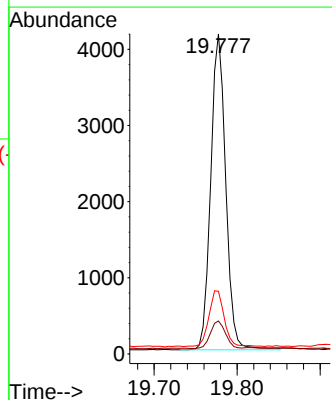
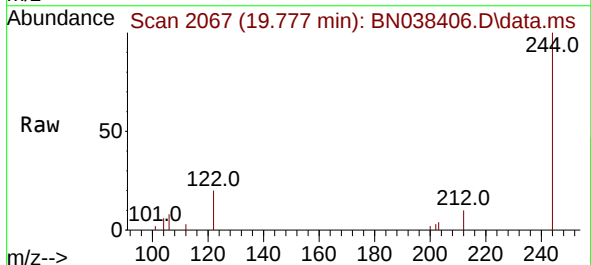
Instrument :
BNA_N
ClientSampleId :
COAN3

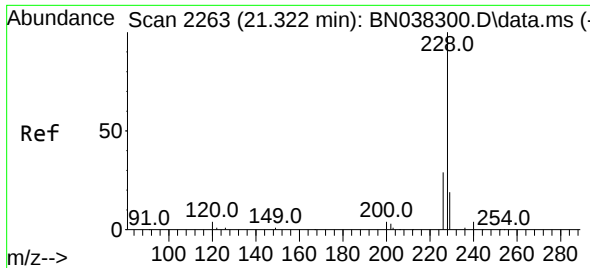
Tgt Ion:202 Resp: 1782
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 23.5 14.2 21.2#



#31
Terphenyl-d14
Concen: 0.215 ng
RT: 19.777 min Scan# 2067
Delta R.T. -0.014 min
Lab File: BN038406.D
Acq: 15 Dec 2025 15:57

Tgt Ion:244 Resp: 5217
Ion Ratio Lower Upper
244 100
212 10.3 7.9 11.9
122 19.6 15.0 22.6

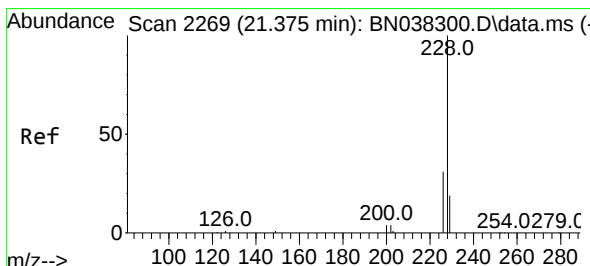
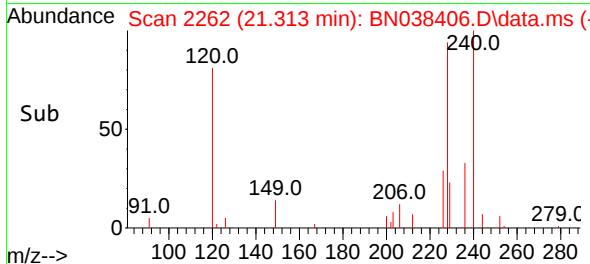
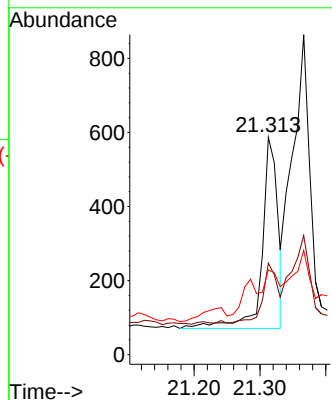
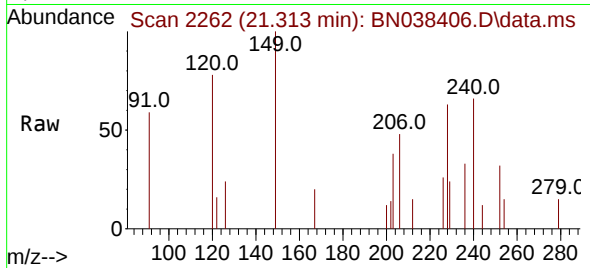




#32
Benzo(a)anthracene
Concen: 0.020 ng
RT: 21.313 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN038406.D
Acq: 15 Dec 2025 15:57

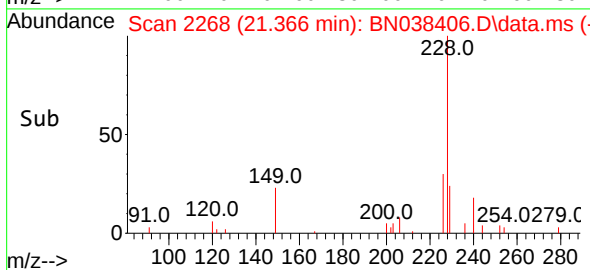
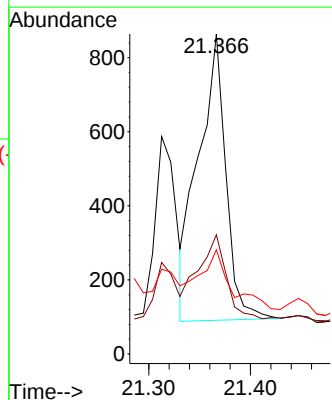
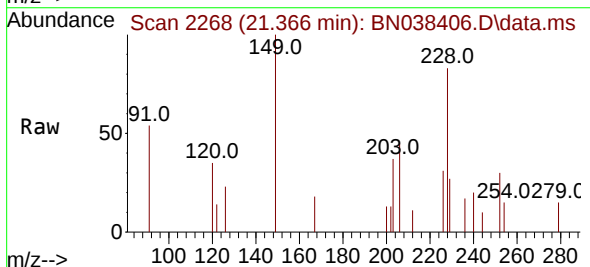
Instrument :
BNA_N
ClientSampleId :
COAN3

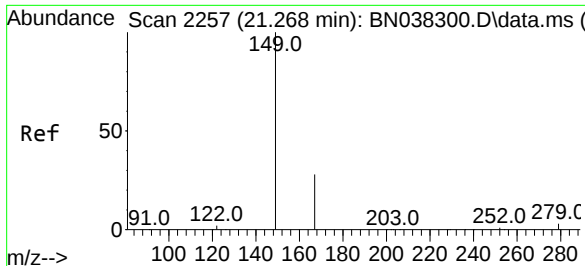
Tgt Ion:228 Resp: 860
Ion Ratio Lower Upper
228 100
226 42.1 23.3 34.9#
229 39.0 15.7 23.5#



#33
Chrysene
Concen: 0.031 ng
RT: 21.366 min Scan# 2268
Delta R.T. -0.009 min
Lab File: BN038406.D
Acq: 15 Dec 2025 15:57

Tgt Ion:228 Resp: 1450
Ion Ratio Lower Upper
228 100
226 37.3 25.0 37.4
229 32.5 15.5 23.3#

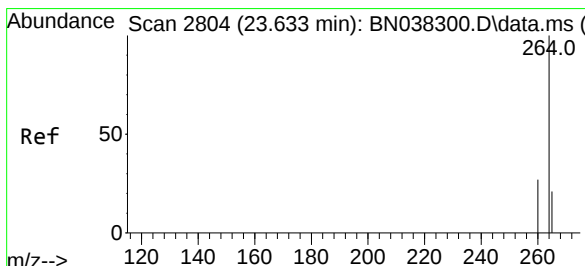
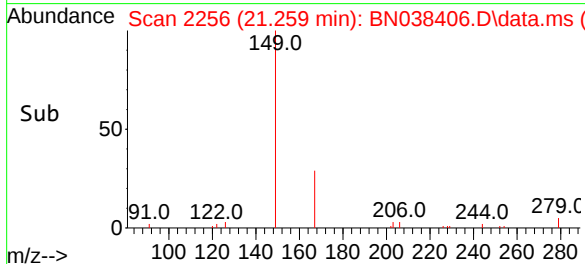
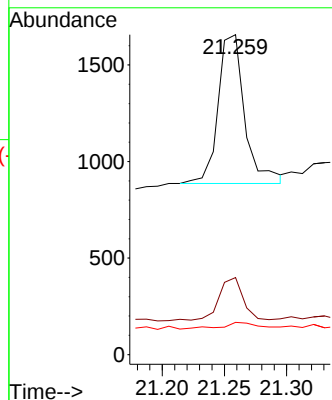
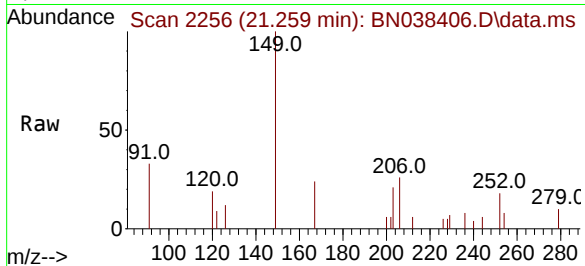




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.050 ng
RT: 21.259 min Scan# 2119
Delta R.T. -0.009 min
Lab File: BN038406.D
Acq: 15 Dec 2025 15:57

Instrument :
BNA_N
ClientSampleId :
COAN3

Tgt Ion:149 Resp: 1149
Ion Ratio Lower Upper
149 100
167 26.5 21.4 32.0
279 6.5 2.4 3.6#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.616 min Scan# 2798
Delta R.T. -0.018 min
Lab File: BN038406.D
Acq: 15 Dec 2025 15:57

Tgt Ion:264 Resp: 11692
Ion Ratio Lower Upper
264 100
260 27.6 22.2 33.2
265 88.5 80.2 120.2

