

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
 Data File : BN038383.D
 Acq On : 13 Dec 2025 12:52
 Operator : RC/JU
 Sample : Q3839-17
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COB11

Quant Time: Dec 14 22:23:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 10 13:56:50 2025
 Response via : Initial Calibration

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

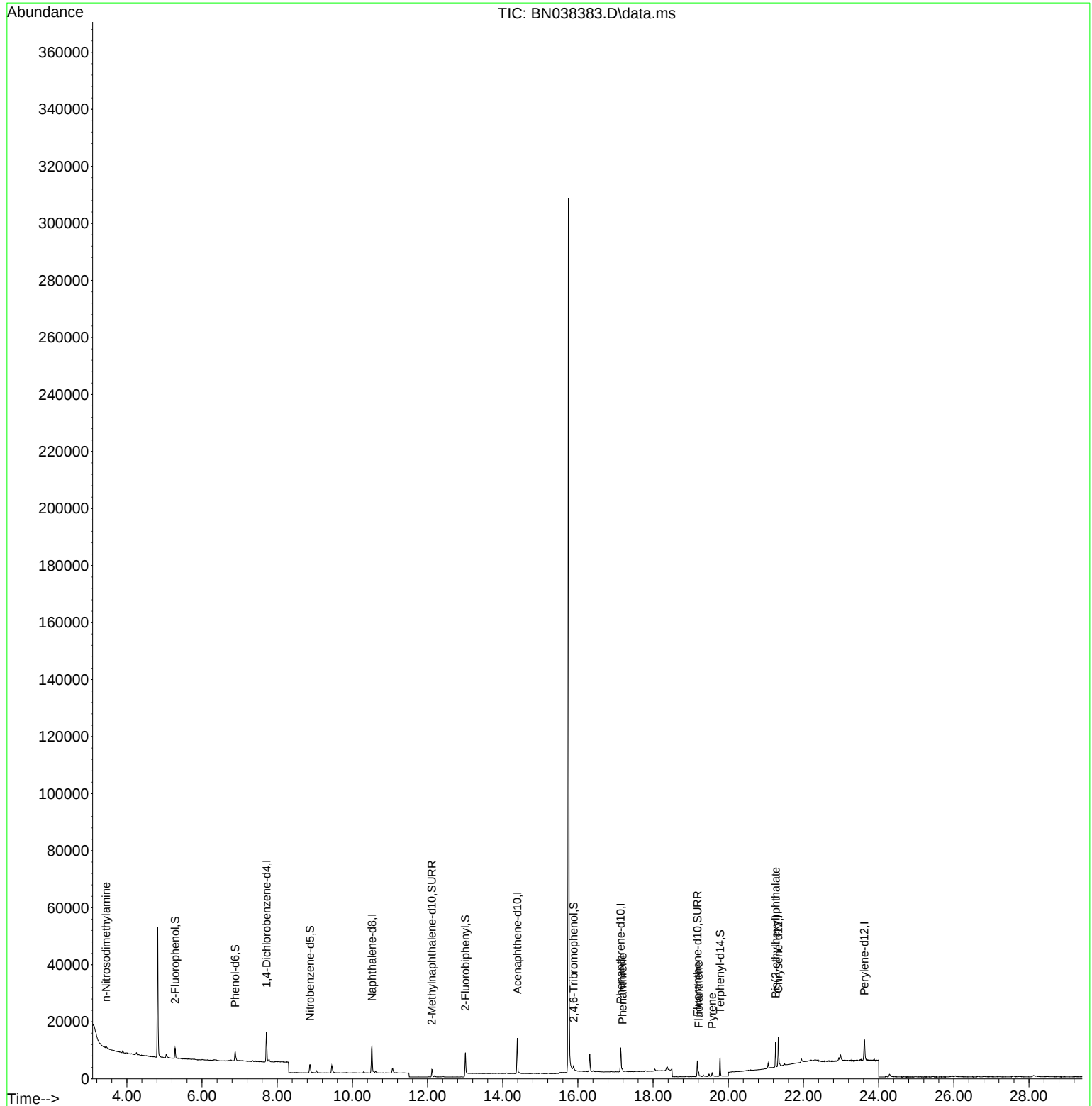
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	5352	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	13951	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	6922	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	12176	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	10109	0.400	ng	# 0.00
35) Perylene-d12	23.622	264	10520	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	2921	0.219	ng	0.00
5) Phenol-d6	6.879	99	3423	0.216	ng	0.00
8) Nitrobenzene-d5	8.875	82	2806	0.238	ng	0.00
11) 2-Methylnaphthalene-d10	12.116	152	3791	0.193	ng	-0.01
14) 2,4,6-Tribromophenol	15.883	330	756	0.246	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	8812	0.264	ng	0.00
27) Fluoranthene-d10	19.178	212	5934	0.197	ng	0.00
31) Terphenyl-d14	19.782	244	6177	0.274	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.449	42	189	0.025	ng	# 1
25) Phenanthrene	17.186	178	1169	0.028	ng	# 94
28) Fluoranthene	19.211	202	1305	0.029	ng	# 91
30) Pyrene	19.573	202	1148	0.023	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.259	149	7318	0.342	ng	100

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

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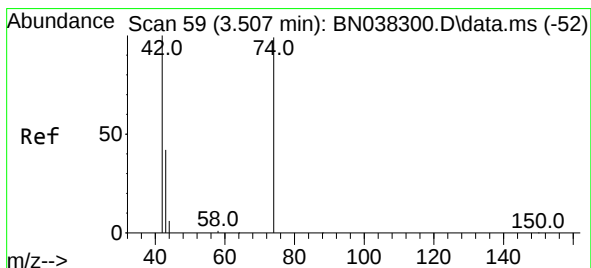
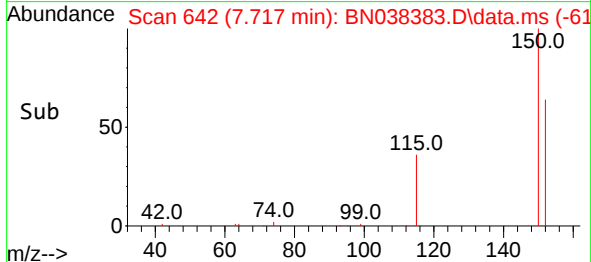
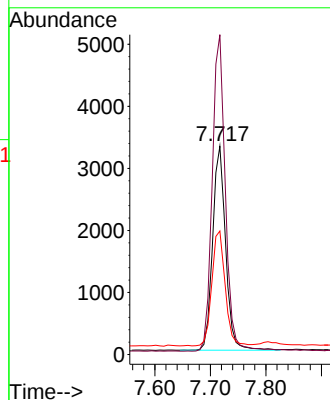
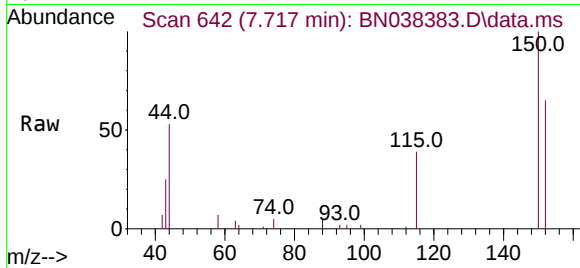




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038383.D
Acq: 13 Dec 2025 12:52

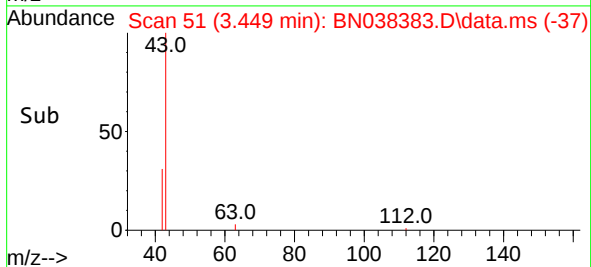
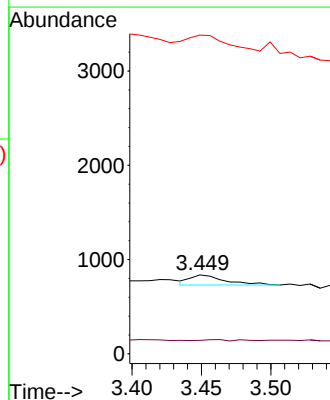
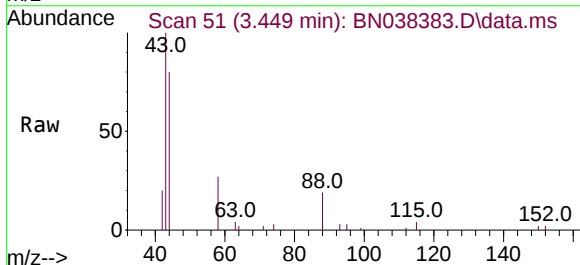
Instrument :
BNA_N
ClientSampleId :
COB11

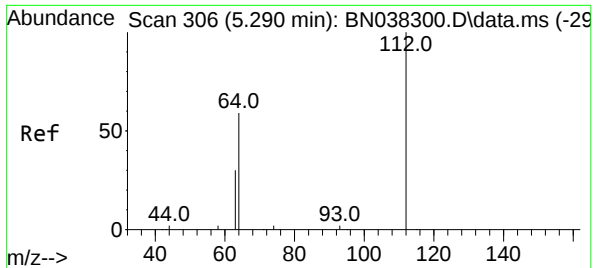
Tgt Ion:152 Resp: 5352
Ion Ratio Lower Upper
152 100
150 153.6 122.4 183.6
115 59.4 47.3 70.9



#3
n-Nitrosodimethylamine
Concen: 0.025 ng
RT: 3.449 min Scan# 51
Delta R.T. -0.050 min
Lab File: BN038383.D
Acq: 13 Dec 2025 12:52

Tgt Ion: 42 Resp: 189
Ion Ratio Lower Upper
42 100
74 7.9 95.3 142.9#
44 164.6 7.9 11.9#

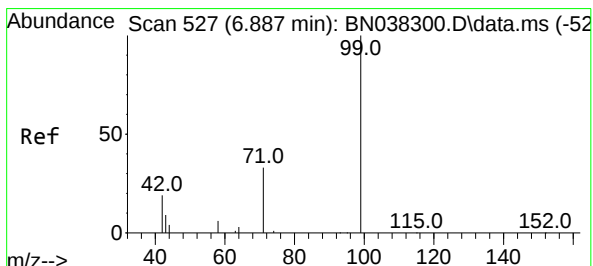
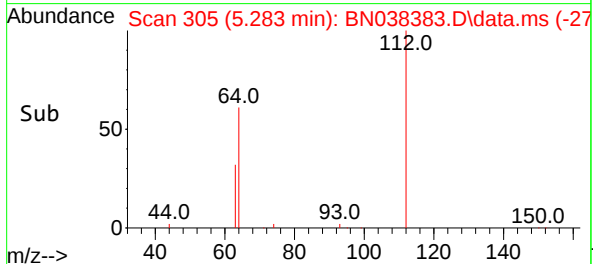
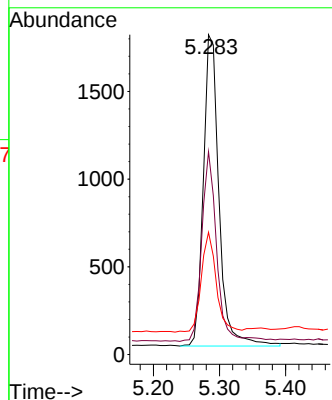
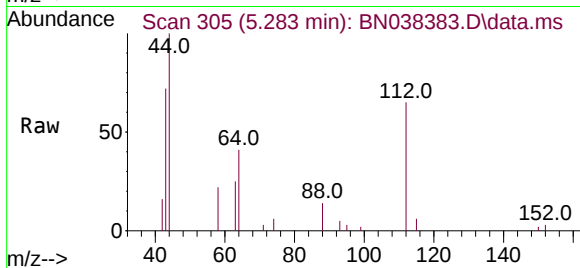




#4
2-Fluorophenol
Concen: 0.219 ng
RT: 5.283 min Scan# 306
Delta R.T. -0.007 min
Lab File: BN038383.D
Acq: 13 Dec 2025 12:52

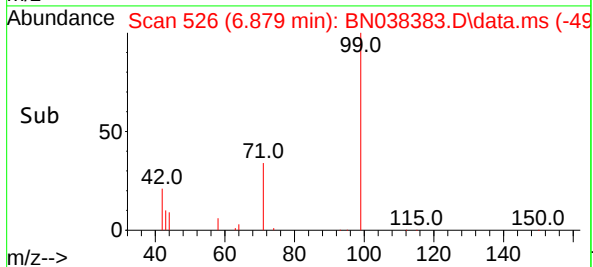
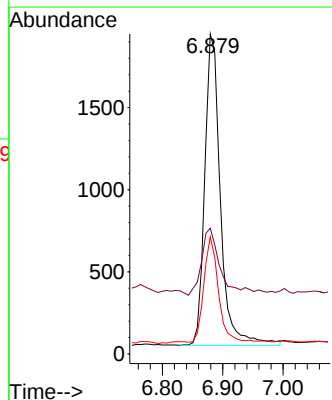
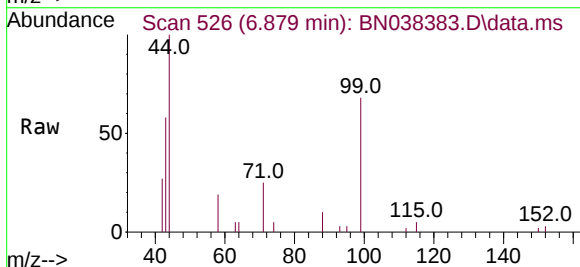
Instrument :
BNA_N
ClientSampleId :
COB11

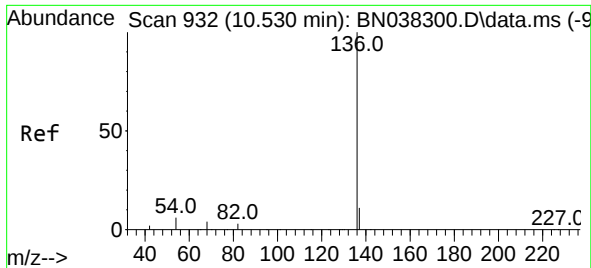
Tgt Ion:112 Resp: 2921
Ion Ratio Lower Upper
112 100
64 58.1 44.4 66.6
63 30.5 23.4 35.0



#5
Phenol-d6
Concen: 0.216 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.007 min
Lab File: BN038383.D
Acq: 13 Dec 2025 12:52

Tgt Ion: 99 Resp: 3423
Ion Ratio Lower Upper
99 100
42 26.2 16.5 24.7#
71 32.3 24.9 37.3

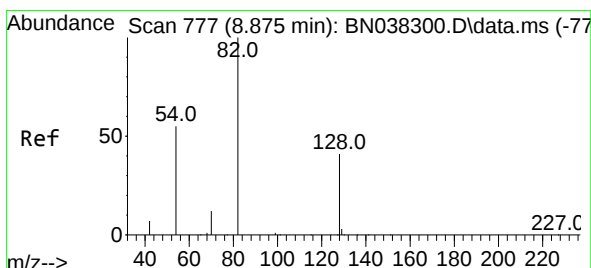
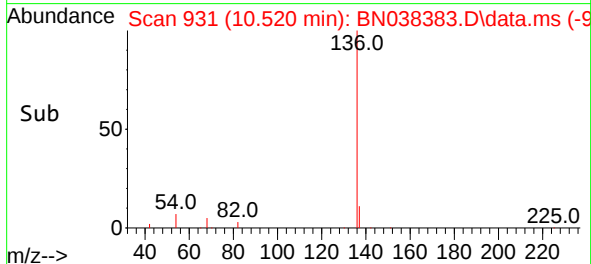
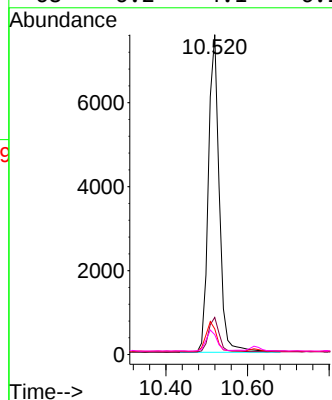
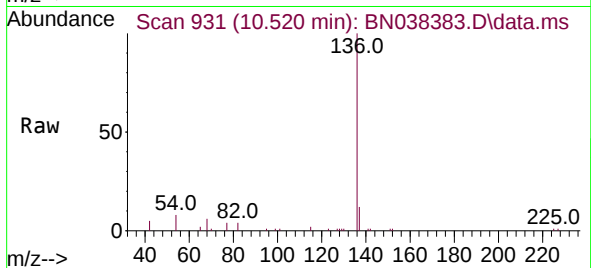




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 931
Delta R.T. -0.011 min
Lab File: BN038383.D
Acq: 13 Dec 2025 12:52

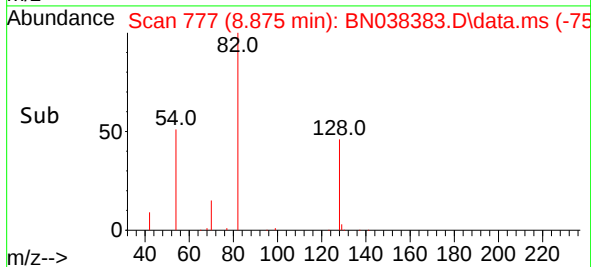
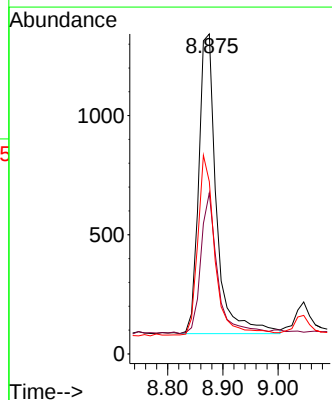
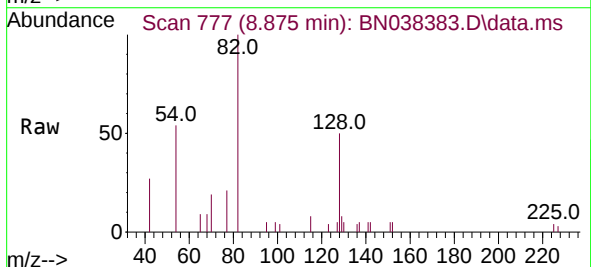
Instrument :
BNA_N
ClientSampleId :
C0B11

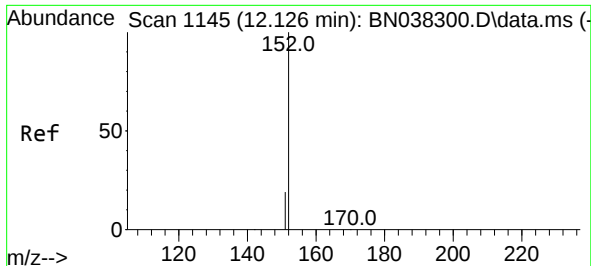
Tgt Ion:	136	Resp:	13951
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.1	13.7
54	8.0	5.2	7.8#
68	6.2	4.1	6.1#



#8
Nitrobenzene-d5
Concen: 0.238 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN038383.D
Acq: 13 Dec 2025 12:52

Tgt Ion:	82	Resp:	2806
Ion Ratio	Lower	Upper	
82	100		
128	50.3	34.0	51.0
54	53.8	44.4	66.6

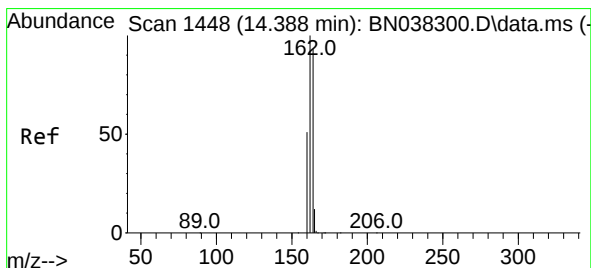
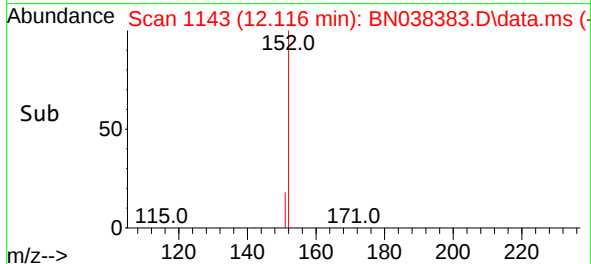
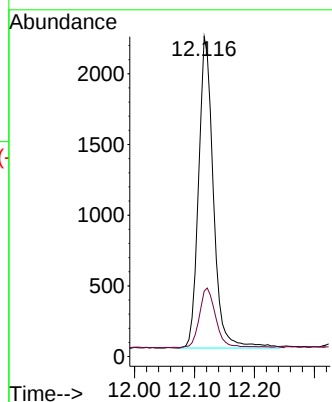
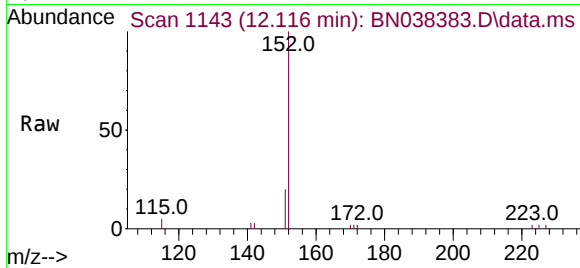




#11
2-Methylnaphthalene-d10
Concen: 0.193 ng
RT: 12.116 min Scan# 1143
Delta R.T. -0.010 min
Lab File: BN038383.D
Acq: 13 Dec 2025 12:52

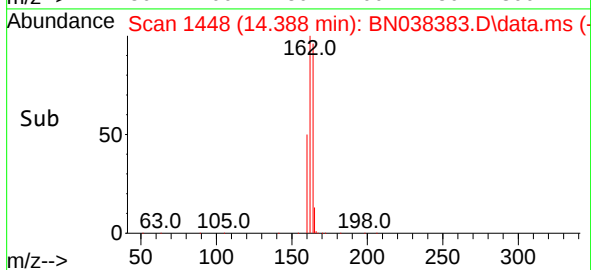
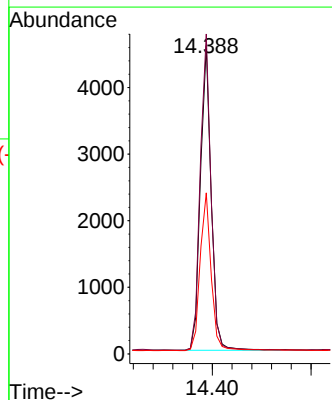
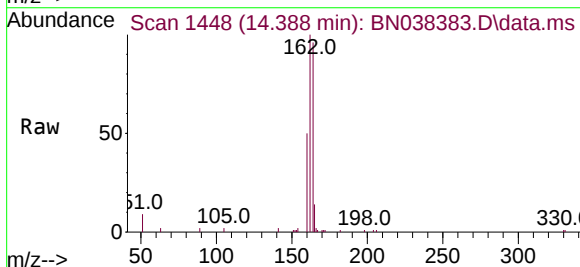
Instrument :
BNA_N
ClientSampleId :
COB11

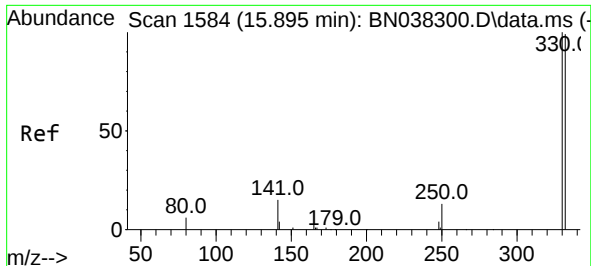
Tgt Ion:152 Resp: 3791
Ion Ratio Lower Upper
152 100
151 21.0 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038383.D
Acq: 13 Dec 2025 12:52

Tgt Ion:164 Resp: 6922
Ion Ratio Lower Upper
164 100
162 103.8 86.2 129.4
160 52.2 44.6 67.0

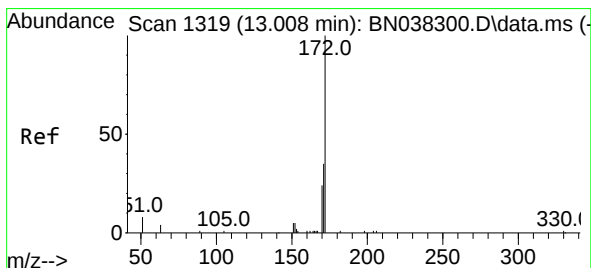
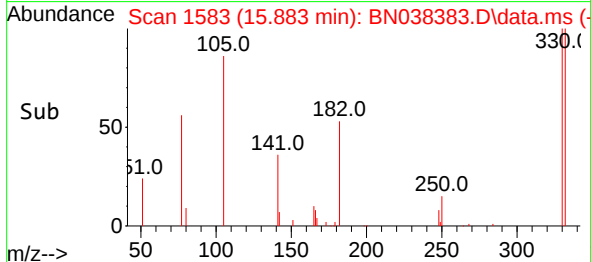
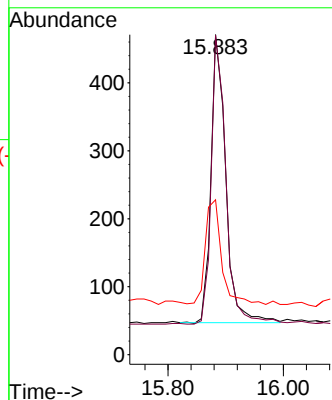
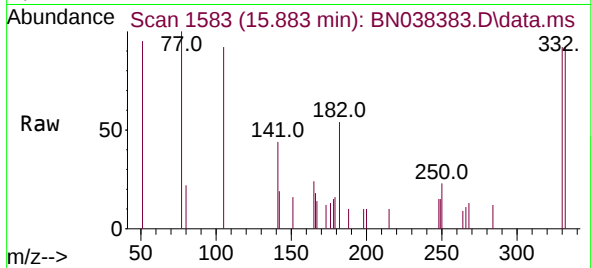




#14
2,4,6-Tribromophenol
Concen: 0.246 ng
RT: 15.883 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN038383.D
Acq: 13 Dec 2025 12:52

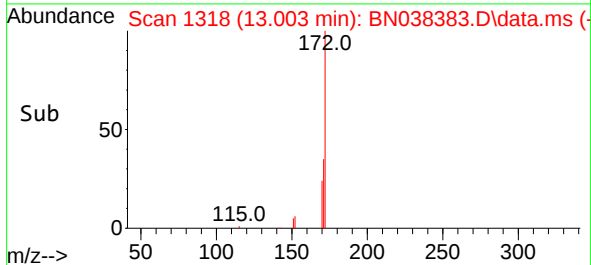
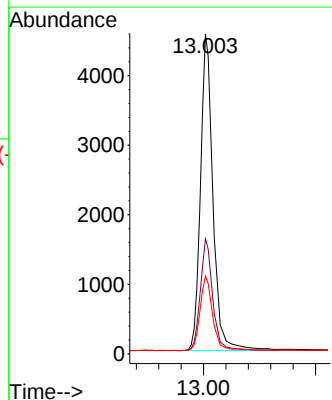
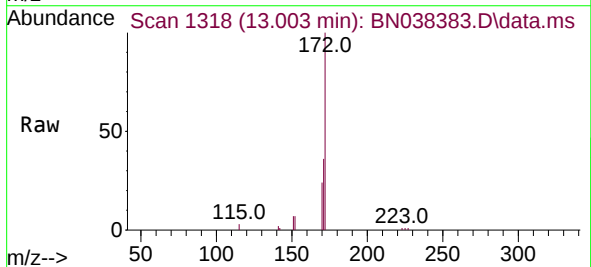
Instrument :
BNA_N
ClientSampleId :
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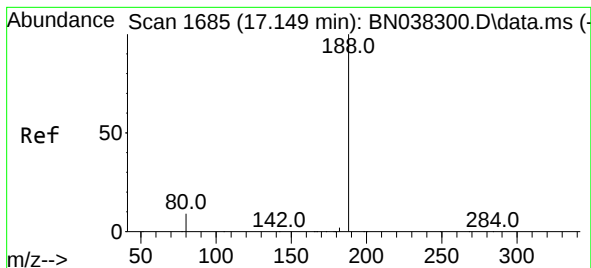
Tgt Ion:330 Resp: 756
Ion Ratio Lower Upper
330 100
332 99.7 75.8 113.6
141 41.0 31.8 47.8



#15
2-Fluorobiphenyl
Concen: 0.264 ng
RT: 13.003 min Scan# 1318
Delta R.T. -0.005 min
Lab File: BN038383.D
Acq: 13 Dec 2025 12:52

Tgt Ion:172 Resp: 8812
Ion Ratio Lower Upper
172 100
171 36.0 28.6 42.8
170 24.3 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: BN038383.D

Acq: 13 Dec 2025 12:52

Instrument :

BNA_N

ClientSampleId :

COB11

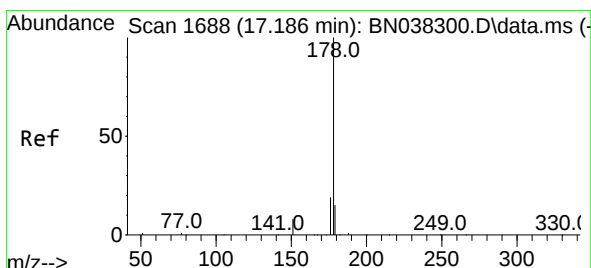
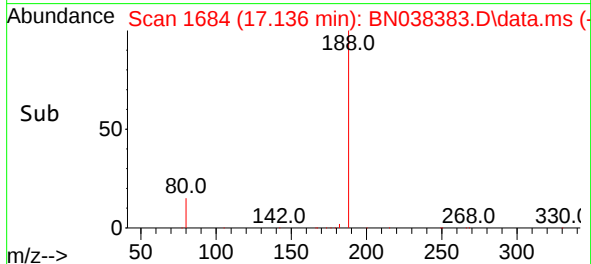
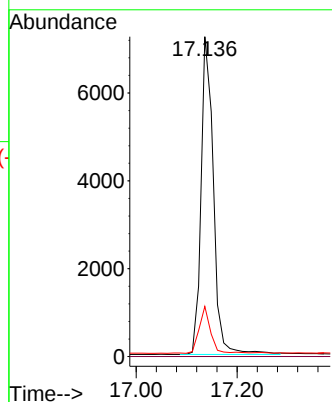
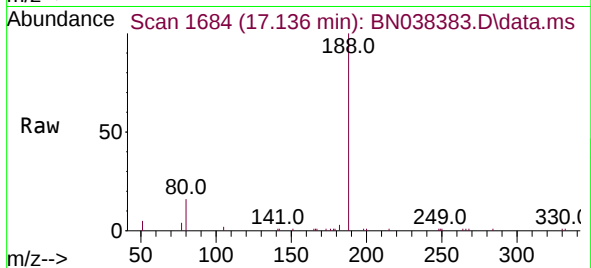
Tgt Ion:188 Resp: 12176

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.7 7.4 11.0#



#25

Phenanthrene

Concen: 0.028 ng

RT: 17.186 min Scan# 1688

Delta R.T. 0.000 min

Lab File: BN038383.D

Acq: 13 Dec 2025 12:52

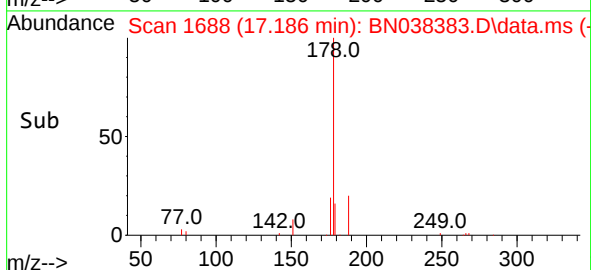
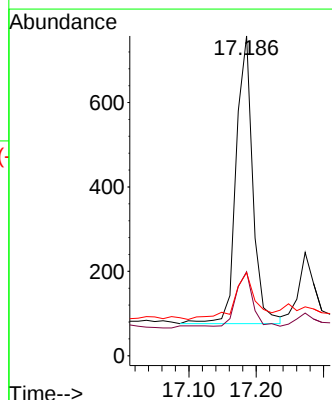
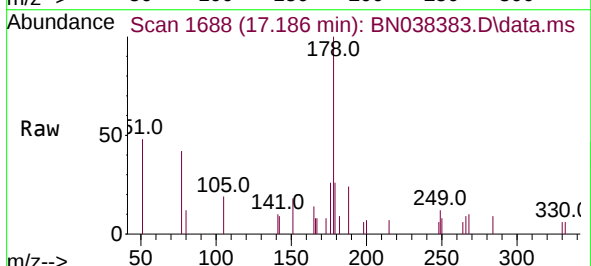
Tgt Ion:178 Resp: 1169

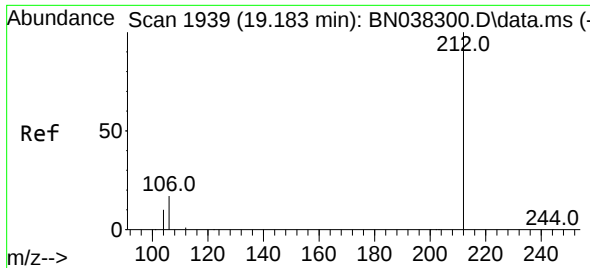
Ion Ratio Lower Upper

178 100

176 18.9 15.5 23.3

179 20.6 12.2 18.2#

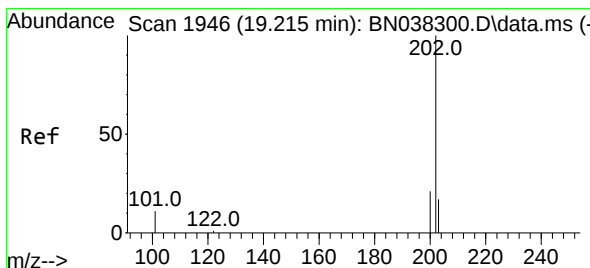
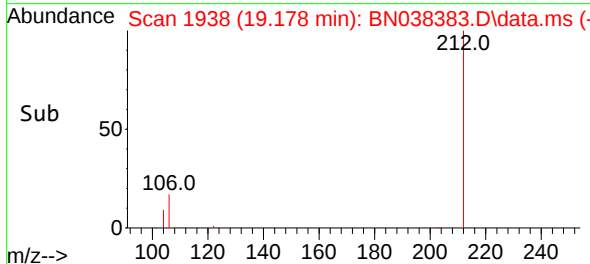
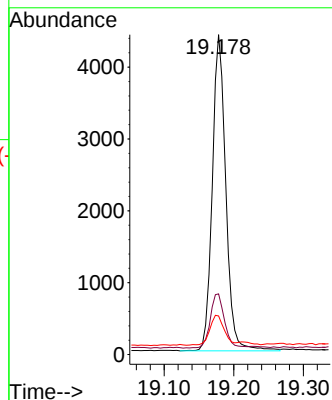
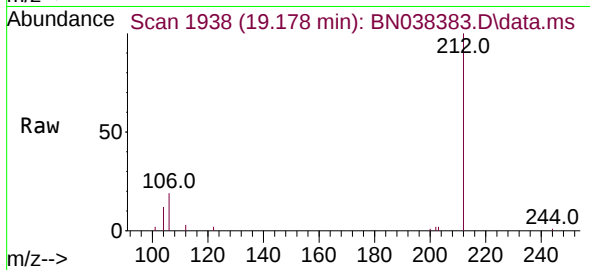




#27
Fluoranthene-d10
Concen: 0.197 ng
RT: 19.178 min Scan# 1938
Delta R.T. -0.009 min
Lab File: BN038383.D
Acq: 13 Dec 2025 12:52

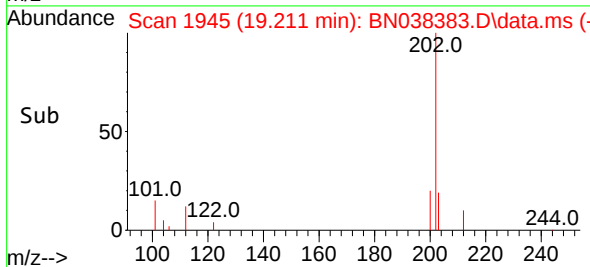
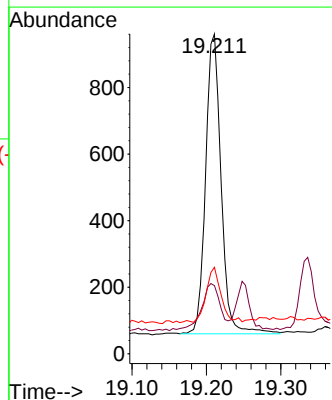
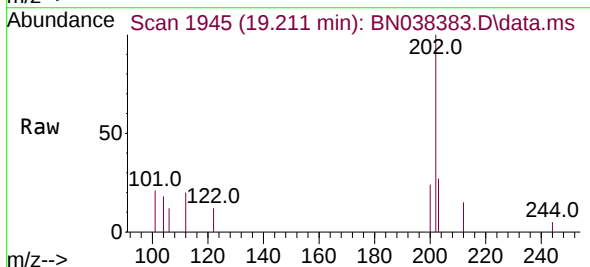
Instrument :
BNA_N
ClientSampleId :
C0B11

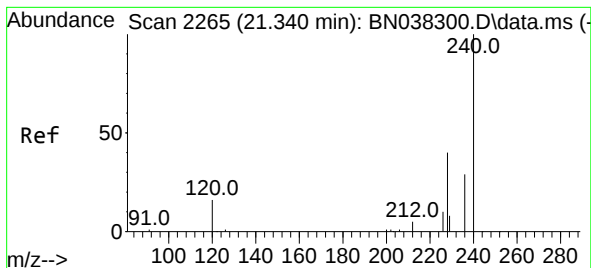
Tgt Ion:212 Resp: 5934
Ion Ratio Lower Upper
212 100
106 17.9 13.7 20.5
104 10.0 7.8 11.8



#28
Fluoranthene
Concen: 0.029 ng
RT: 19.211 min Scan# 1945
Delta R.T. -0.009 min
Lab File: BN038383.D
Acq: 13 Dec 2025 12:52

Tgt Ion:202 Resp: 1305
Ion Ratio Lower Upper
202 100
101 19.0 9.6 14.4#
203 18.2 13.5 20.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.331 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN038383.D

Acq: 13 Dec 2025 12:52

Instrument :

BNA_N

ClientSampleId :

C0B11

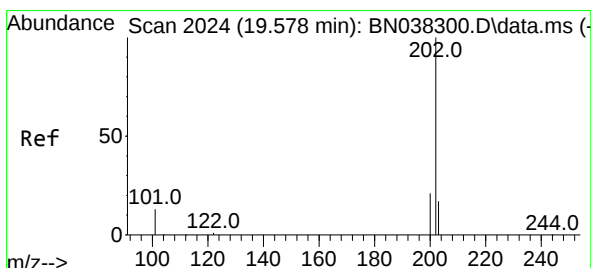
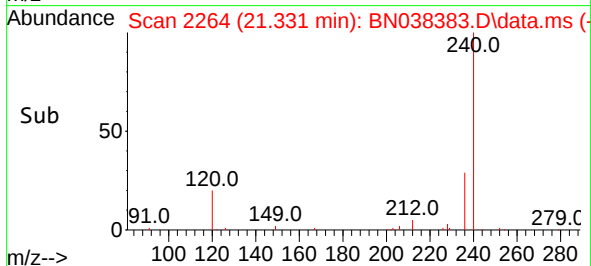
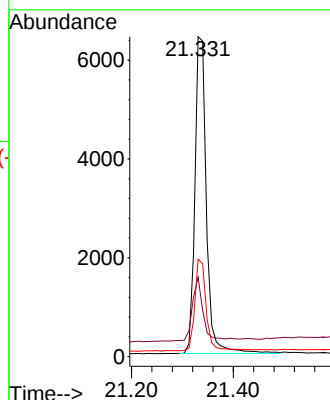
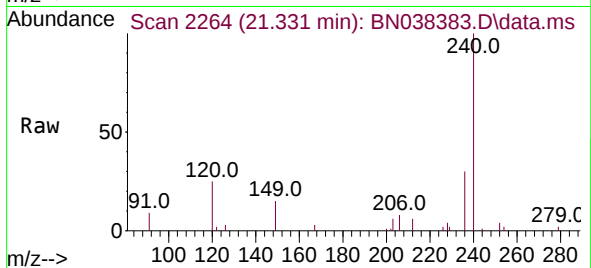
Tgt Ion:240 Resp: 10109

Ion Ratio Lower Upper

240 100

120 24.8 15.4 23.2#

236 30.4 23.9 35.9



#30

Pyrene

Concen: 0.023 ng

RT: 19.573 min Scan# 2023

Delta R.T. -0.009 min

Lab File: BN038383.D

Acq: 13 Dec 2025 12:52

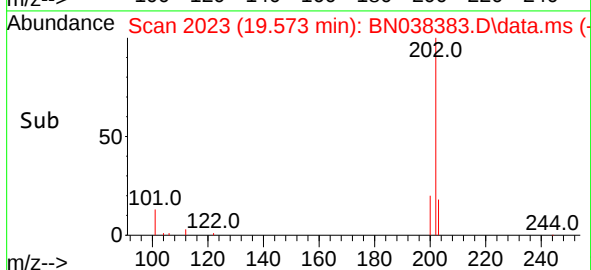
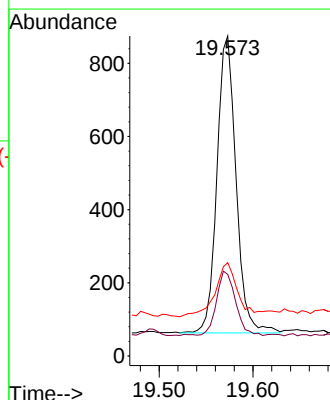
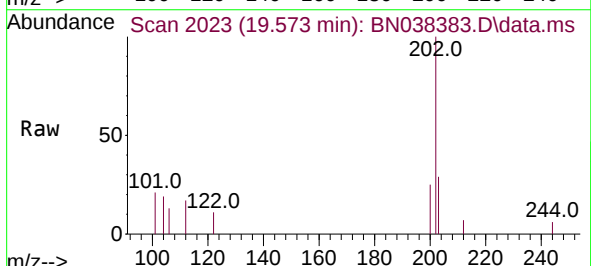
Tgt Ion:202 Resp: 1148

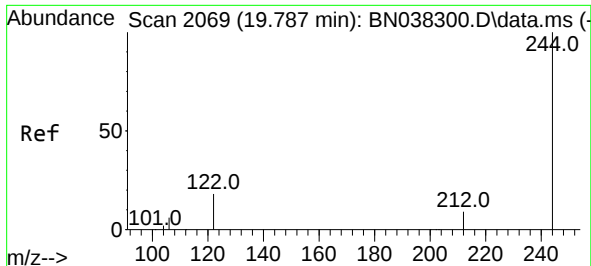
Ion Ratio Lower Upper

202 100

200 21.4 16.9 25.3

203 21.7 14.2 21.2#

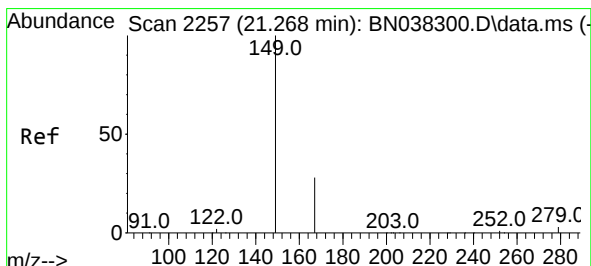
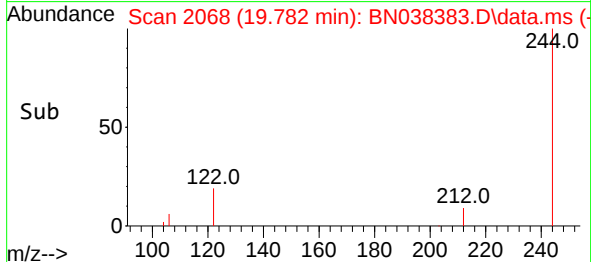
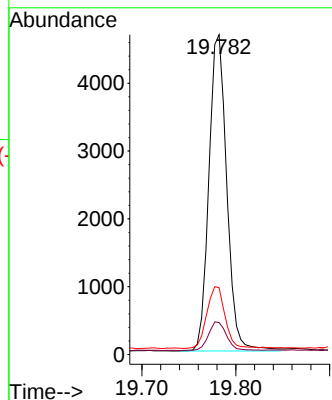
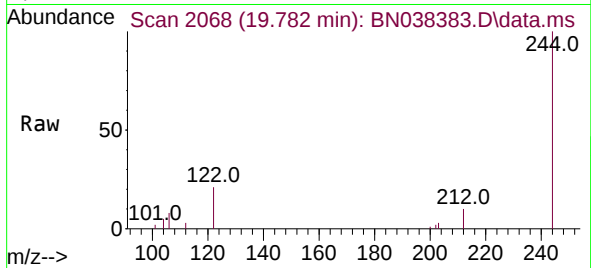




#31
 Terphenyl-d14
 Concen: 0.274 ng
 RT: 19.782 min Scan# 2069
 Delta R.T. -0.009 min
 Lab File: BN038383.D
 Acq: 13 Dec 2025 12:52

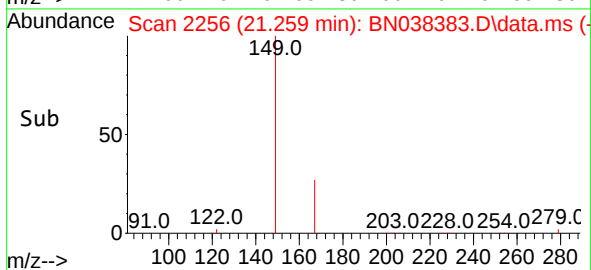
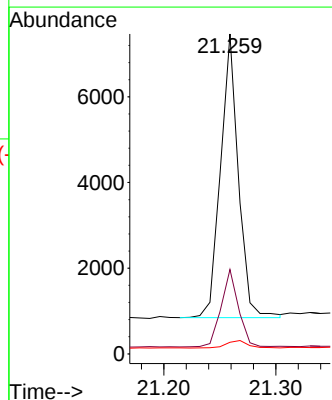
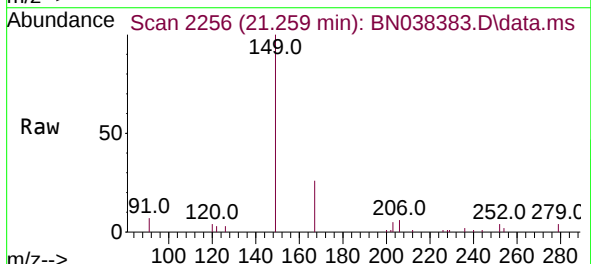
Instrument :
 BNA_N
 ClientSampleId :
 COB11

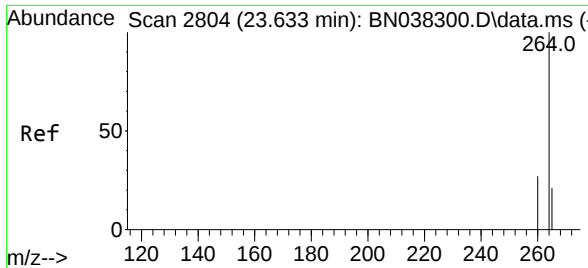
Tgt Ion:244 Resp: 6177
 Ion Ratio Lower Upper
 244 100
 212 10.0 7.9 11.9
 122 20.9 15.0 22.6



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.342 ng
 RT: 21.259 min Scan# 2256
 Delta R.T. -0.009 min
 Lab File: BN038383.D
 Acq: 13 Dec 2025 12:52

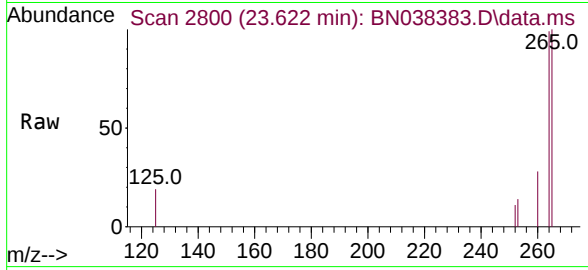
Tgt Ion:149 Resp: 7318
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.4 32.0
 279 3.3 2.4 3.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.622 min Scan# 2800
 Delta R.T. -0.012 min
 Lab File: BN038383.D
 Acq: 13 Dec 2025 12:52

Instrument :
 BNA_N
 ClientSampleId :
 C0B11



Tgt Ion:264 Resp: 10520

Ion	Ratio	Lower	Upper
264	100		
260	27.9	22.2	33.2
265	100.7	80.2	120.2

