

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121525\
 Data File : BN038423.D
 Acq On : 16 Dec 2025 03:30
 Operator : RC/JU
 Sample : Q3839-21
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B09

Quant Time: Dec 16 03:55:19 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)

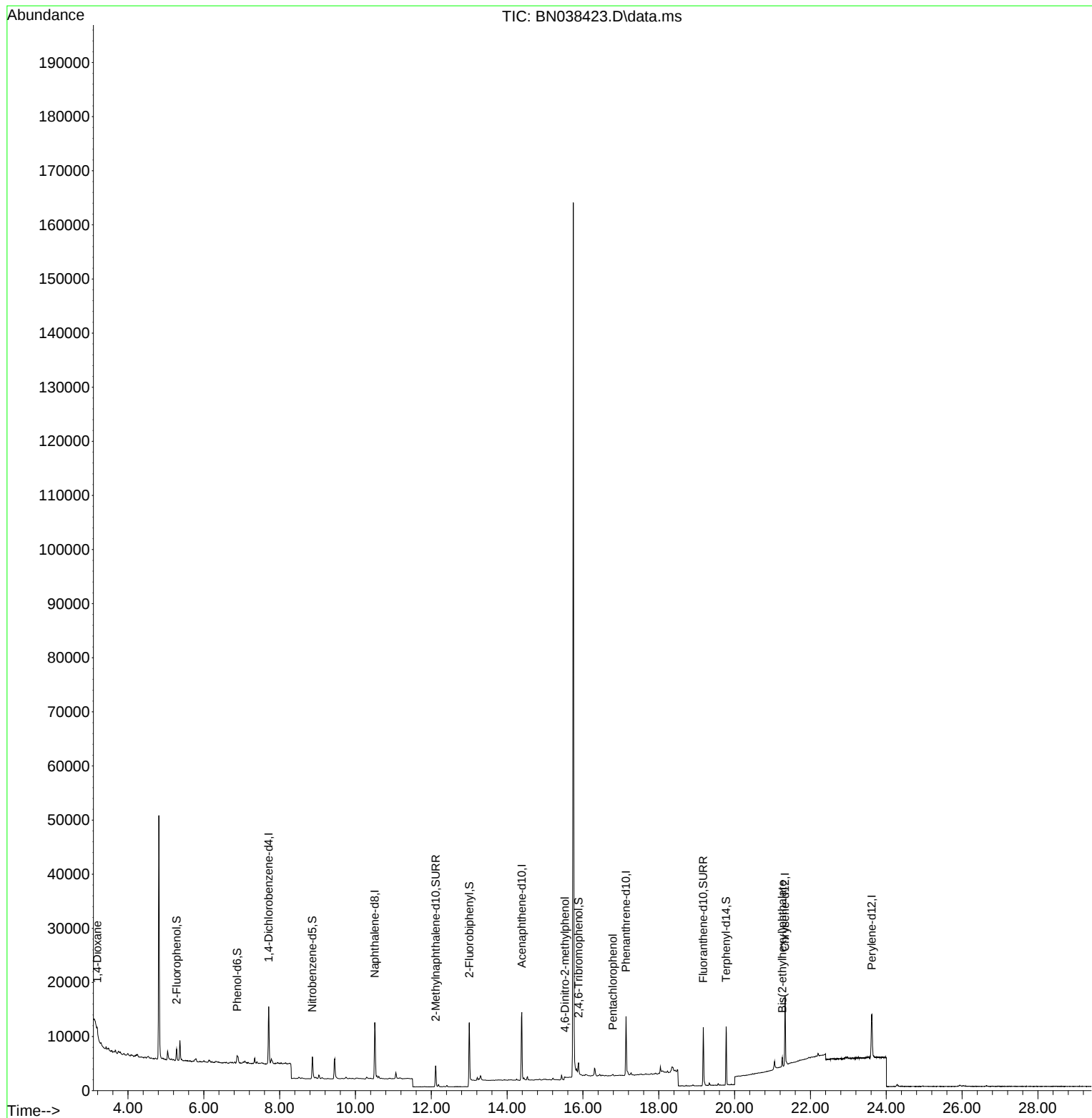
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	5259	0.400	ng	-0.01
7) Naphthalene-d8	10.508	136	14512	0.400	ng	#-0.02
13) Acenaphthene-d10	14.387	164	7734	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	14121	0.400	ng	#-0.01
29) Chrysene-d12	21.330	240	11222	0.400	ng	0.00
35) Perylene-d12	23.618	264	11544	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	1734	0.132	ng	0.00
5) Phenol-d6	6.879	99	1249	0.080	ng	0.00
8) Nitrobenzene-d5	8.864	82	3505	0.286	ng	-0.01
11) 2-Methylnaphthalene-d10	12.116	152	5579	0.273	ng	-0.01
14) 2,4,6-Tribromophenol	15.882	330	1277	0.372	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	14298	0.384	ng	0.00
27) Fluoranthene-d10	19.173	212	11730	0.336	ng	-0.01
31) Terphenyl-d14	19.777	244	10182	0.407	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.188	88	650	0.108	ng	# 47
20) 4,6-Dinitro-2-methylph...	15.522	198	65	0.028	ng	# 1
24) Pentachlorophenol	16.788	266	127	0.026	ng	# 66
34) Bis(2-ethylhexyl)phtha...	21.259	149	1642	0.069	ng	# 94

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

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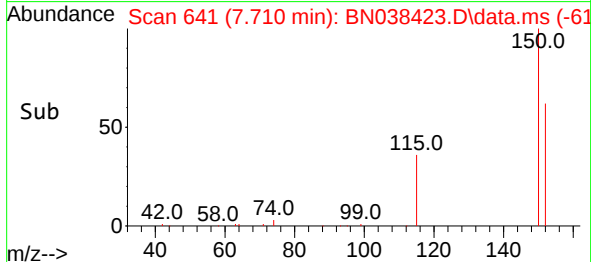
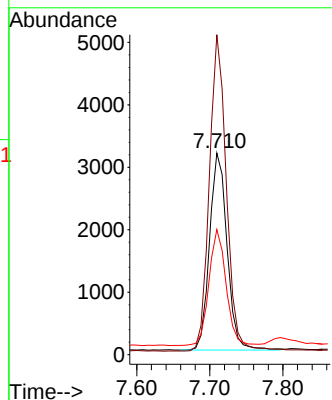
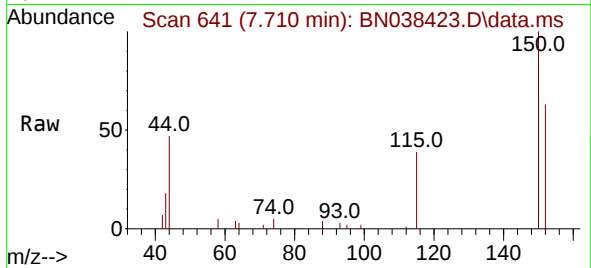




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.710 min Scan# 64
 Delta R.T. -0.014 min
 Lab File: BN038423.D
 Acq: 16 Dec 2025 03:30

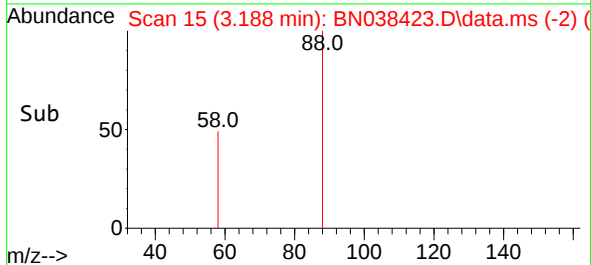
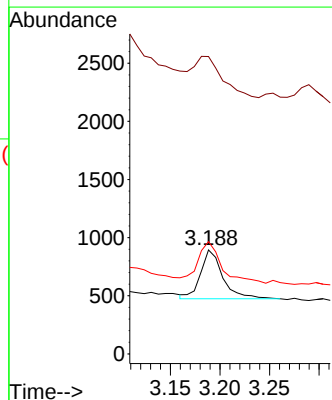
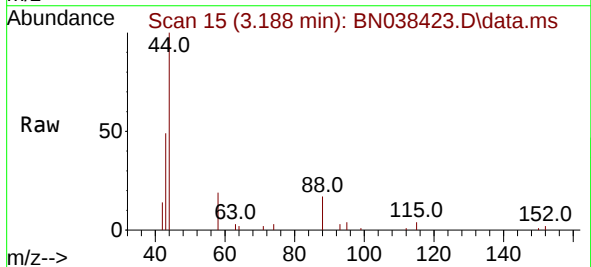
Instrument :
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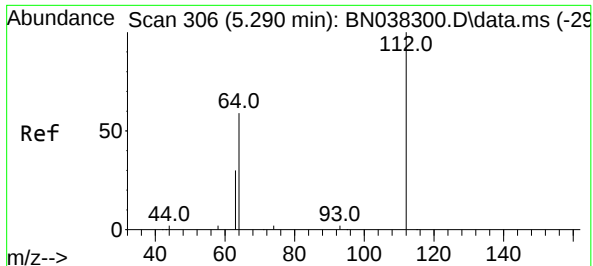
Tgt Ion:152 Resp: 5259
 Ion Ratio Lower Upper
 152 100
 150 158.8 122.4 183.6
 115 62.1 47.3 70.9



#2
 1,4-Dioxane
 Concen: 0.108 ng
 RT: 3.188 min Scan# 15
 Delta R.T. -0.008 min
 Lab File: BN038423.D
 Acq: 16 Dec 2025 03:30

Tgt Ion: 88 Resp: 650
 Ion Ratio Lower Upper
 88 100
 43 106.8 24.9 37.3#
 58 92.5 61.4 92.0#

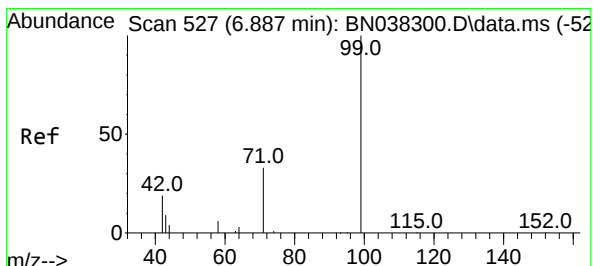
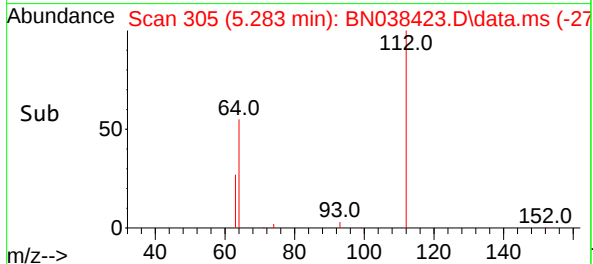
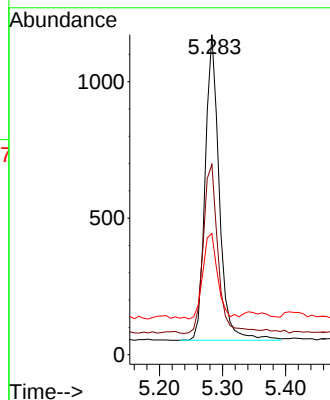
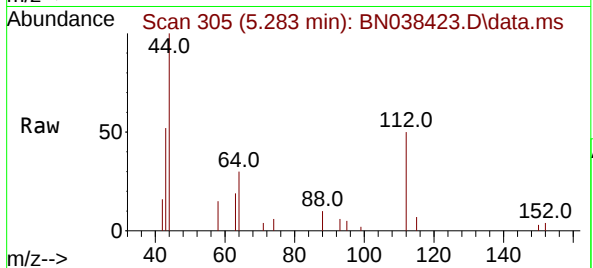




#4
2-Fluorophenol
Concen: 0.132 ng
RT: 5.283 min Scan# 306
Delta R.T. -0.008 min
Lab File: BN038423.D
Acq: 16 Dec 2025 03:30

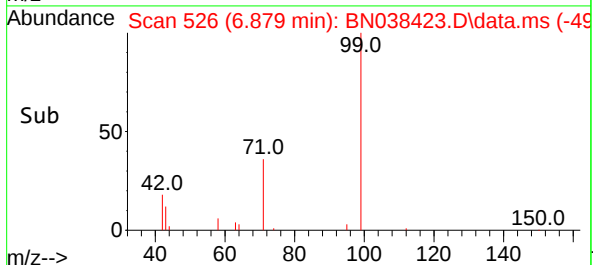
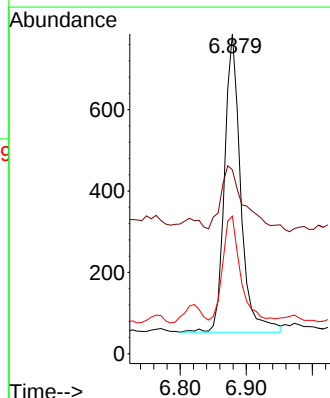
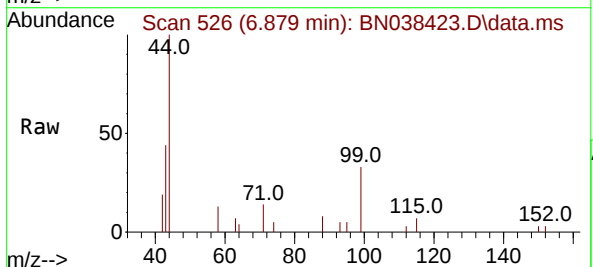
Instrument :
BNA_N
ClientSampleId :
C0B09

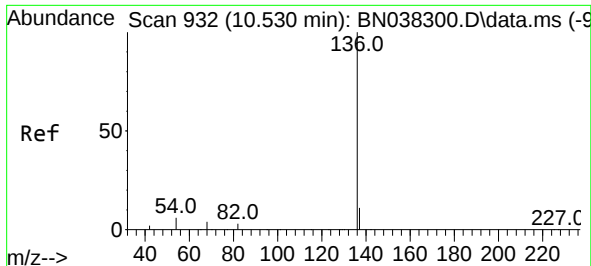
Tgt Ion:112 Resp: 1734
Ion Ratio Lower Upper
112 100
64 58.2 44.4 66.6
63 29.2 23.4 35.0



#5
Phenol-d6
Concen: 0.080 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.008 min
Lab File: BN038423.D
Acq: 16 Dec 2025 03:30

Tgt Ion: 99 Resp: 1249
Ion Ratio Lower Upper
99 100
42 33.0 16.5 24.7#
71 39.6 24.9 37.3#

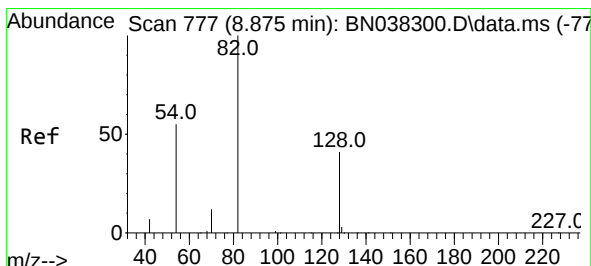
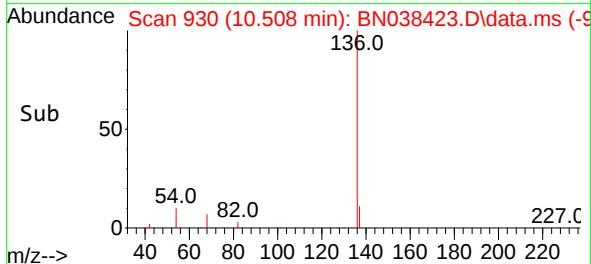
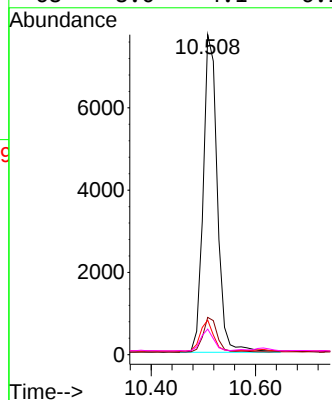
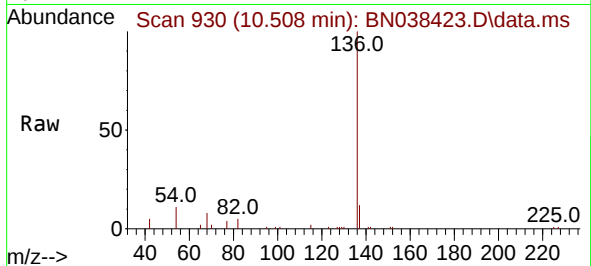




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.508 min Scan# 91
Delta R.T. -0.022 min
Lab File: BN038423.D
Acq: 16 Dec 2025 03:30

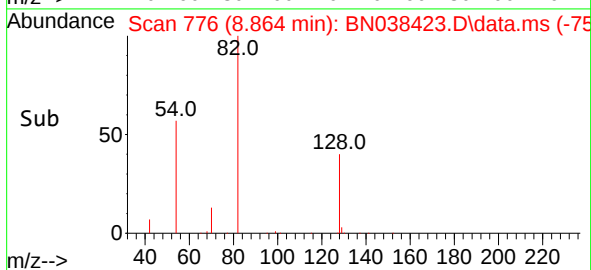
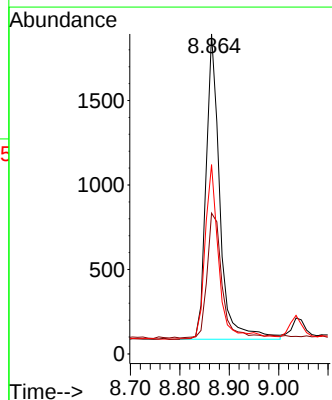
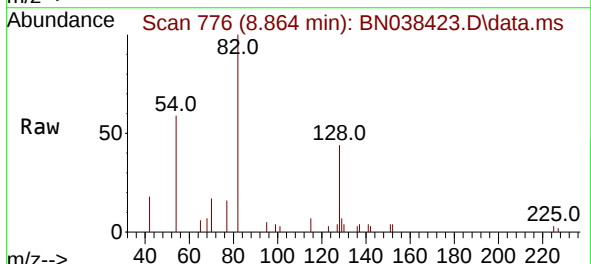
Instrument :
BNA_N
ClientSampleId :
C0B09

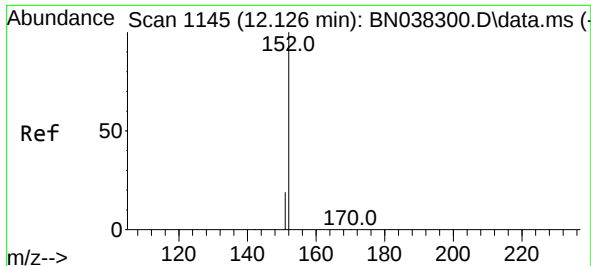
Tgt Ion:	136	Resp:	14512
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.1	13.7
54	10.8	5.2	7.8#
68	8.0	4.1	6.1#



#8
Nitrobenzene-d5
Concen: 0.286 ng
RT: 8.864 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN038423.D
Acq: 16 Dec 2025 03:30

Tgt Ion:	82	Resp:	3505
Ion Ratio	Lower	Upper	
82	100		
128	44.0	34.0	51.0
54	59.1	44.4	66.6

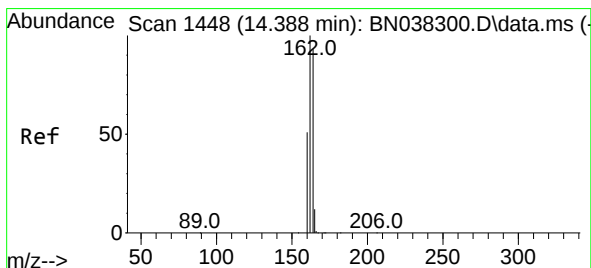
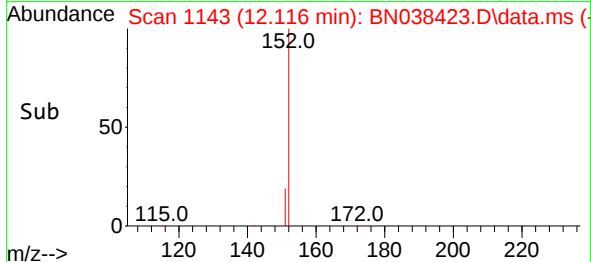
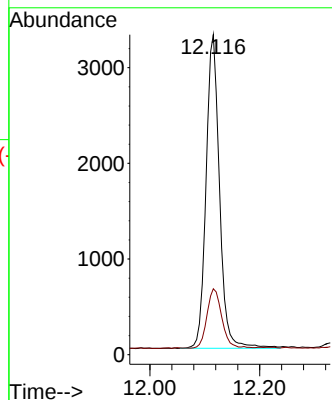
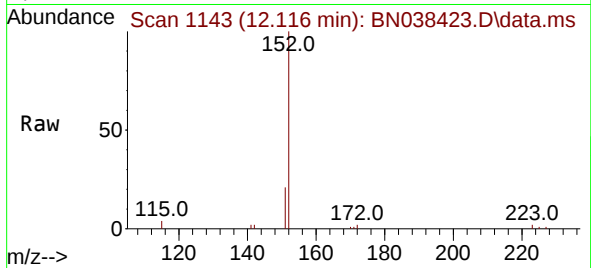




#11
2-Methylnaphthalene-d10
Concen: 0.273 ng
RT: 12.116 min Scan# 1143
Delta R.T. -0.010 min
Lab File: BN038423.D
Acq: 16 Dec 2025 03:30

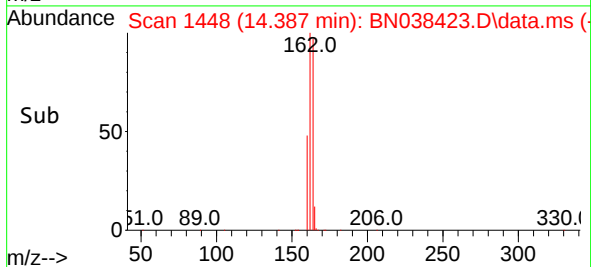
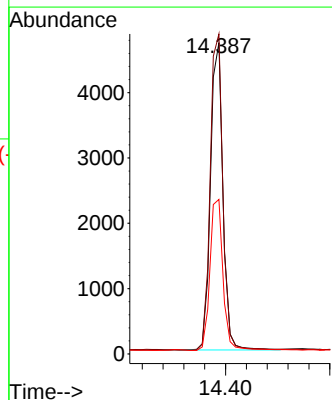
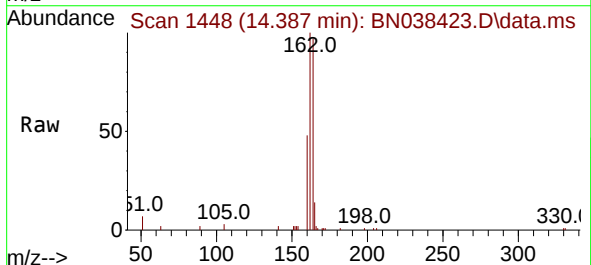
Instrument :
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ClientSampleId :
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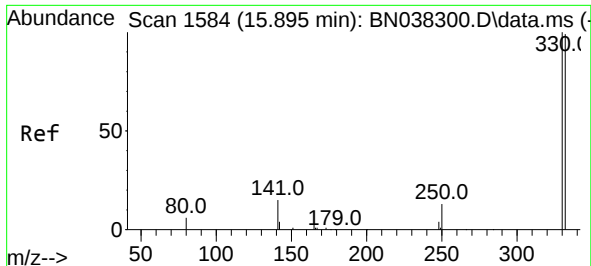
Tgt Ion:152 Resp: 5579
Ion Ratio Lower Upper
152 100
151 20.6 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.387 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038423.D
Acq: 16 Dec 2025 03:30

Tgt Ion:164 Resp: 7734
Ion Ratio Lower Upper
164 100
162 102.8 86.2 129.4
160 49.7 44.6 67.0

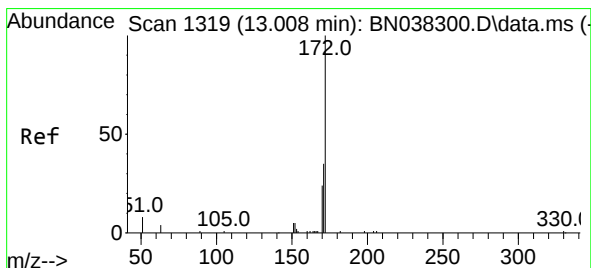
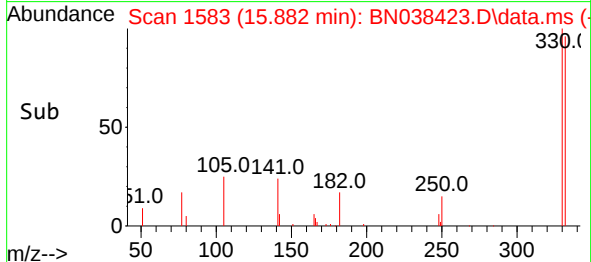
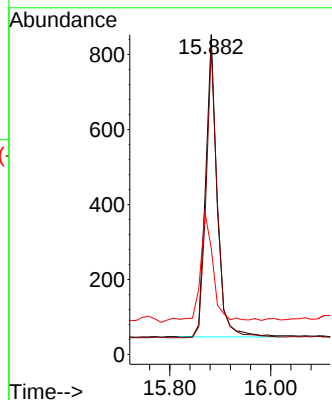
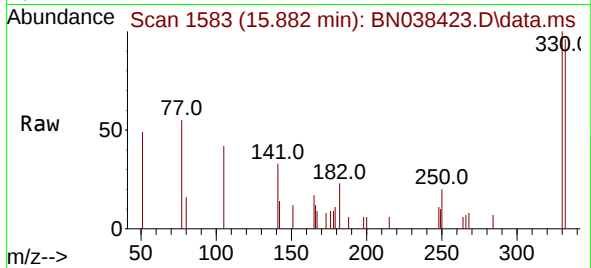




#14
 2,4,6-Tribromophenol
 Concen: 0.372 ng
 RT: 15.882 min Scan# 1583
 Delta R.T. -0.013 min
 Lab File: BN038423.D
 Acq: 16 Dec 2025 03:30

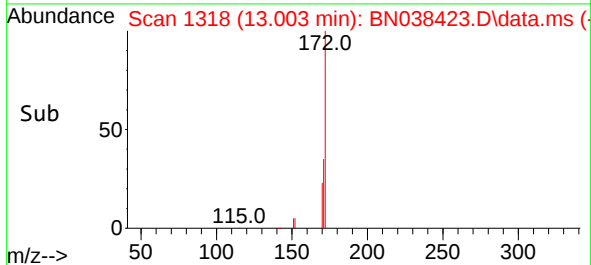
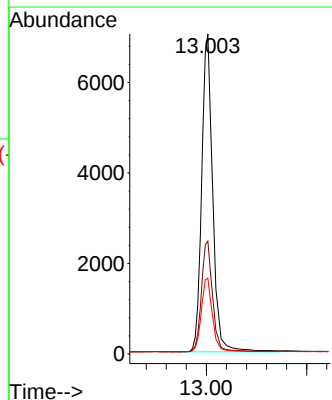
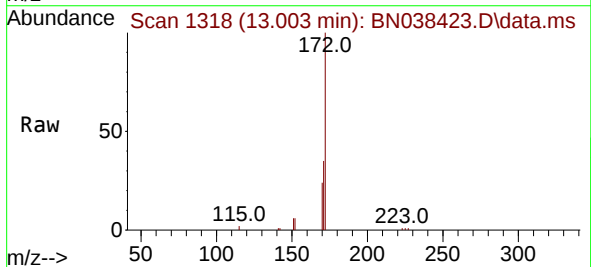
Instrument :
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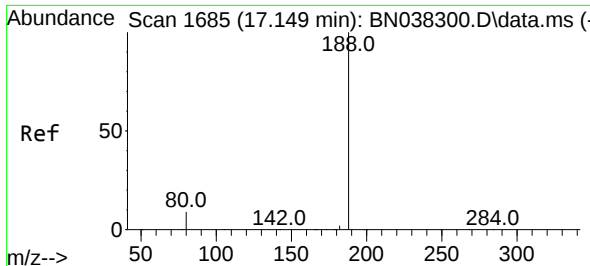
Tgt Ion: 330 Resp: 1277
 Ion Ratio Lower Upper
 330 100
 332 95.3 75.8 113.6
 141 42.3 31.8 47.8



#15
 2-Fluorobiphenyl
 Concen: 0.384 ng
 RT: 13.003 min Scan# 1318
 Delta R.T. -0.005 min
 Lab File: BN038423.D
 Acq: 16 Dec 2025 03:30

Tgt Ion: 172 Resp: 14298
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 42.8
 170 23.6 19.3 28.9

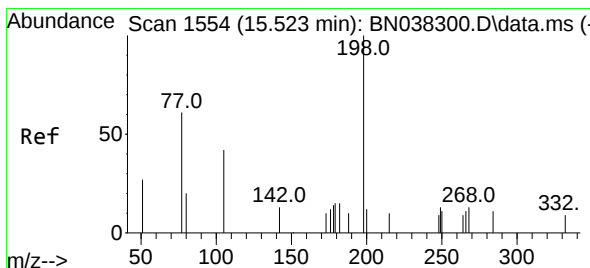
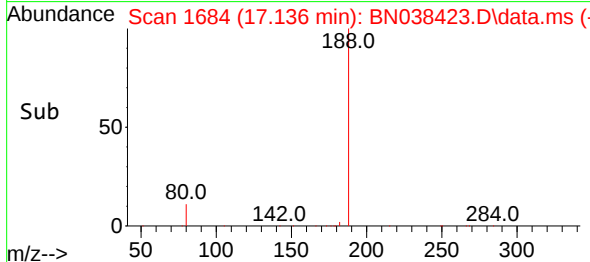
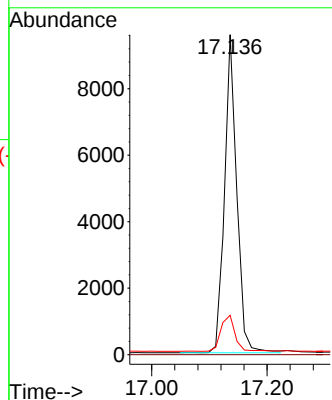
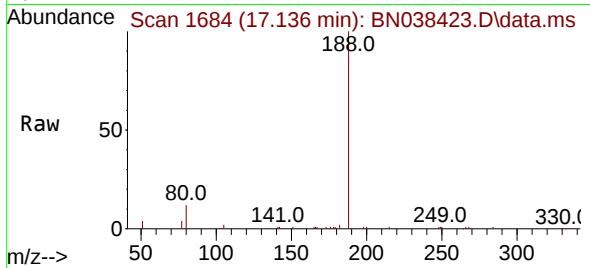




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.013 min
Lab File: BN038423.D
Acq: 16 Dec 2025 03:30

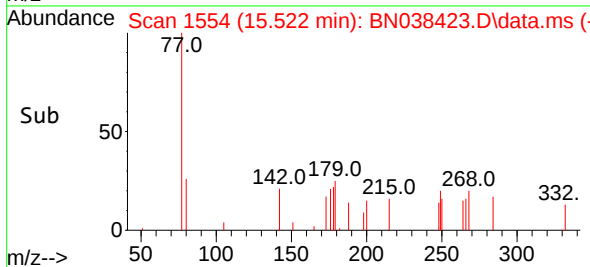
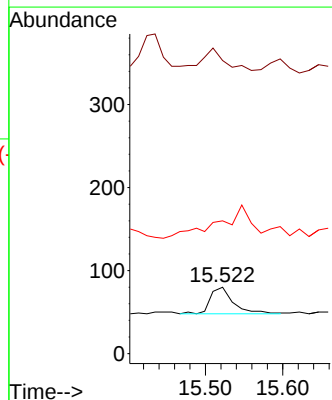
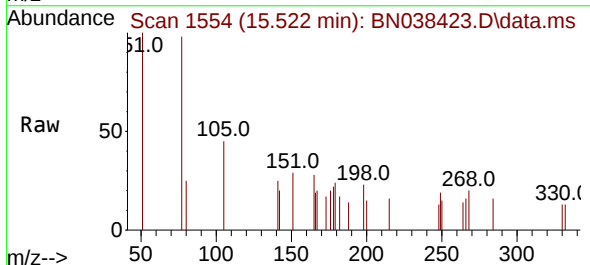
Instrument :
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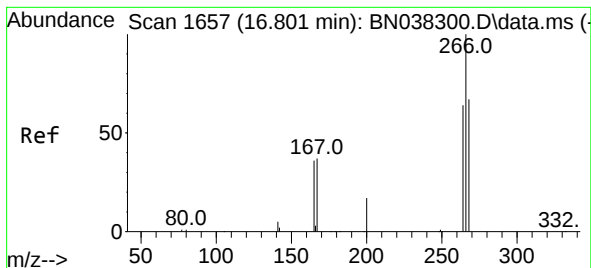
Tgt Ion:188 Resp: 14121
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.3 7.4 11.0#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.028 ng
RT: 15.522 min Scan# 1554
Delta R.T. 0.000 min
Lab File: BN038423.D
Acq: 16 Dec 2025 03:30

Tgt Ion:198 Resp: 65
Ion Ratio Lower Upper
198 100
51 441.2 86.3 129.5#
105 200.0 45.3 67.9#





#24

Pentachlorophenol

Concen: 0.026 ng

RT: 16.788 min Scan# 1656

Delta R.T. -0.013 min

Lab File: BN038423.D

Acq: 16 Dec 2025 03:30

Instrument :

BNA_N

ClientSampleId :

C0B09

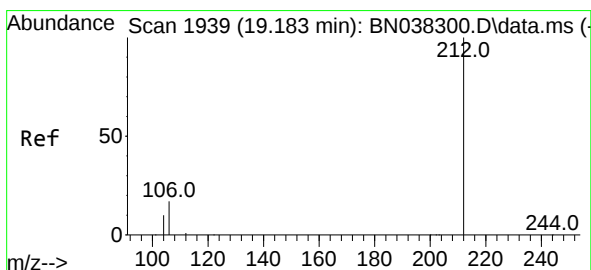
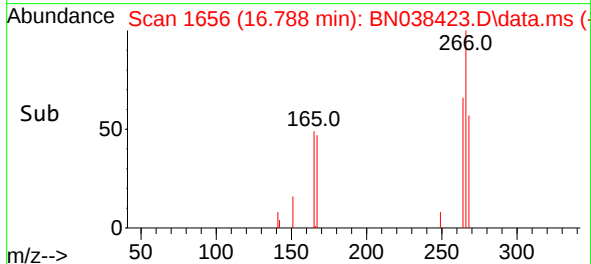
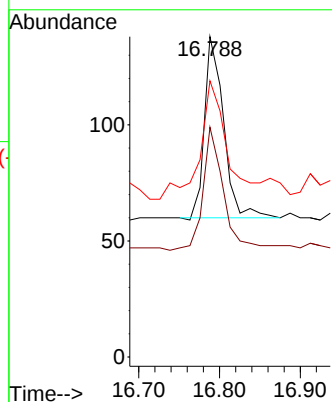
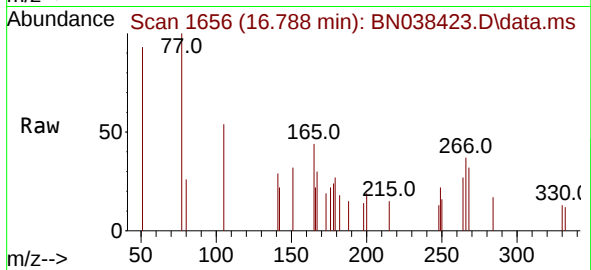
Tgt Ion:266 Resp: 127

Ion Ratio Lower Upper

266 100

264 76.4 50.2 75.2#

268 104.7 52.6 78.8#



#27

Fluoranthene-d10

Concen: 0.336 ng

RT: 19.173 min Scan# 1937

Delta R.T. -0.014 min

Lab File: BN038423.D

Acq: 16 Dec 2025 03:30

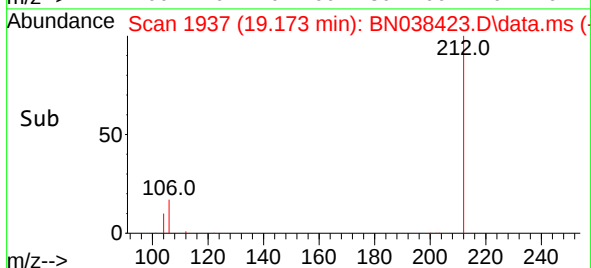
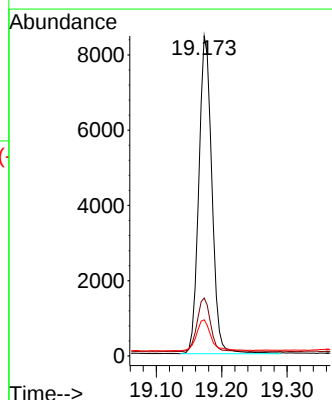
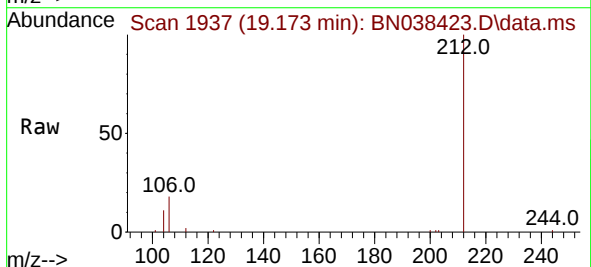
Tgt Ion:212 Resp: 11730

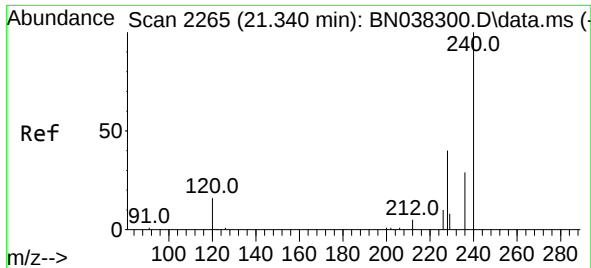
Ion Ratio Lower Upper

212 100

106 17.6 13.7 20.5

104 10.9 7.8 11.8

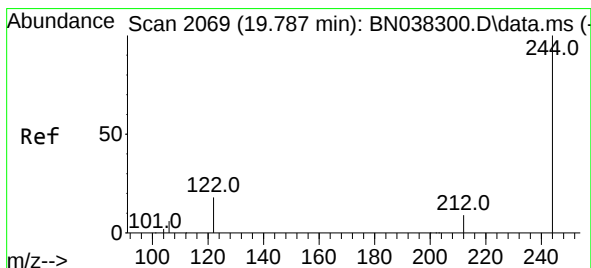
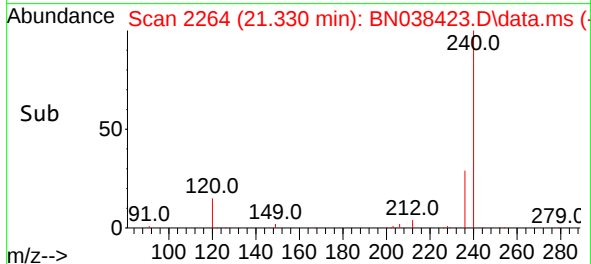
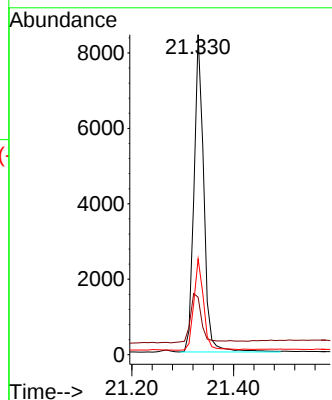
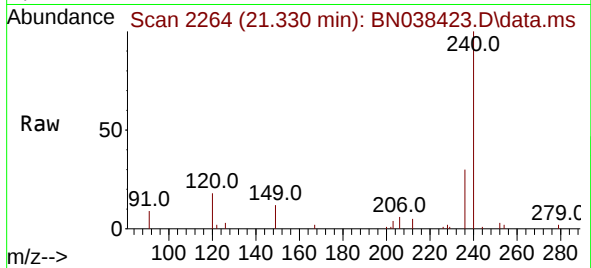




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.330 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038423.D
Acq: 16 Dec 2025 03:30

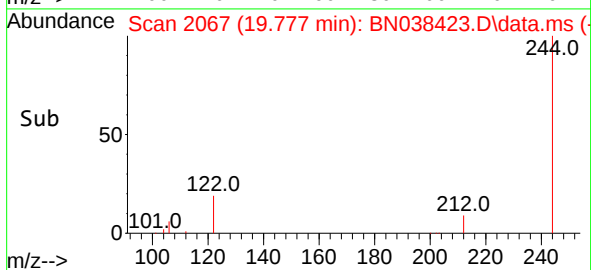
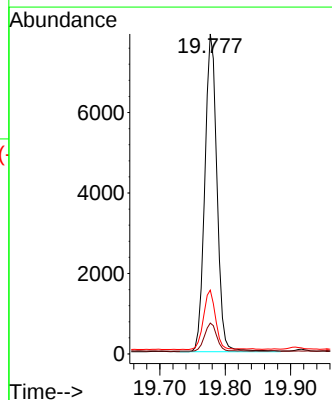
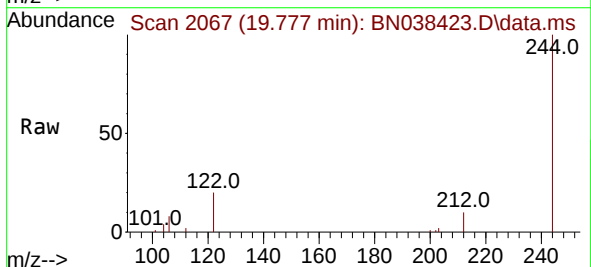
Instrument :
BNA_N
ClientSampleId :
C0B09

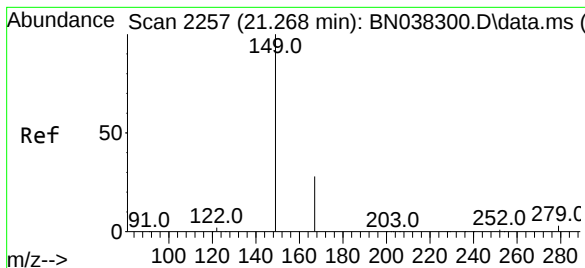
Tgt Ion:240 Resp: 11222
Ion Ratio Lower Upper
240 100
120 18.0 15.4 23.2
236 30.0 23.9 35.9



#31
Terphenyl-d14
Concen: 0.407 ng
RT: 19.777 min Scan# 2067
Delta R.T. -0.014 min
Lab File: BN038423.D
Acq: 16 Dec 2025 03:30

Tgt Ion:244 Resp: 10182
Ion Ratio Lower Upper
244 100
212 9.6 7.9 11.9
122 19.9 15.0 22.6

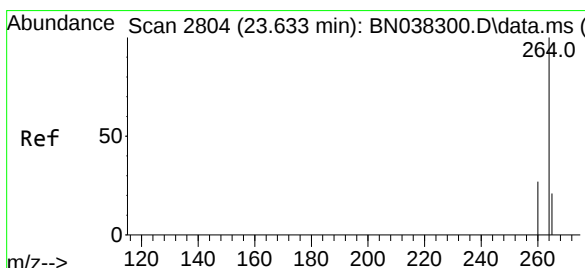
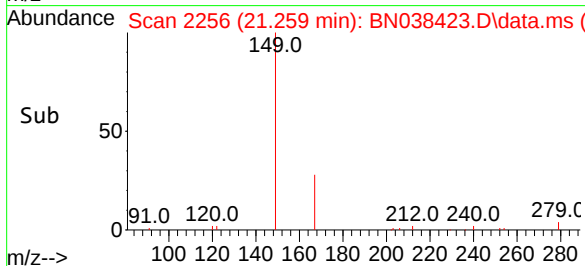
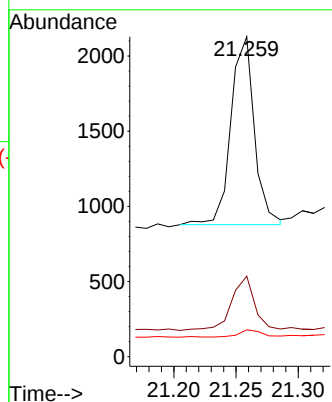
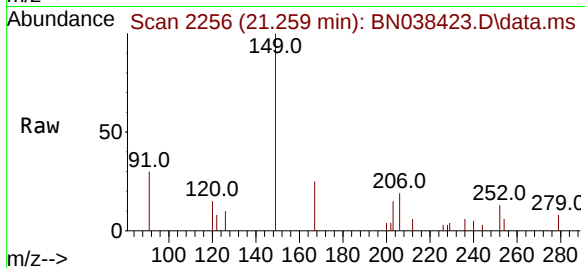




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.069 ng
 RT: 21.259 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN038423.D
 Acq: 16 Dec 2025 03:30

Instrument :
 BNA_N
 ClientSampleId :
 COB09

Tgt Ion:149 Resp: 1642
 Ion Ratio Lower Upper
 149 100
 167 29.8 21.4 32.0
 279 3.7 2.4 3.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.618 min Scan# 2799
 Delta R.T. -0.015 min
 Lab File: BN038423.D
 Acq: 16 Dec 2025 03:30

Tgt Ion:264 Resp: 11544
 Ion Ratio Lower Upper
 264 100
 260 27.8 22.2 33.2
 265 89.5 80.2 120.2

