

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
 Data File : BN038346.D
 Acq On : 12 Dec 2025 11:12
 Operator : RC/JU
 Sample : Q3813-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BR-04DR-451-120825

Quant Time: Dec 12 11:36:15 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)

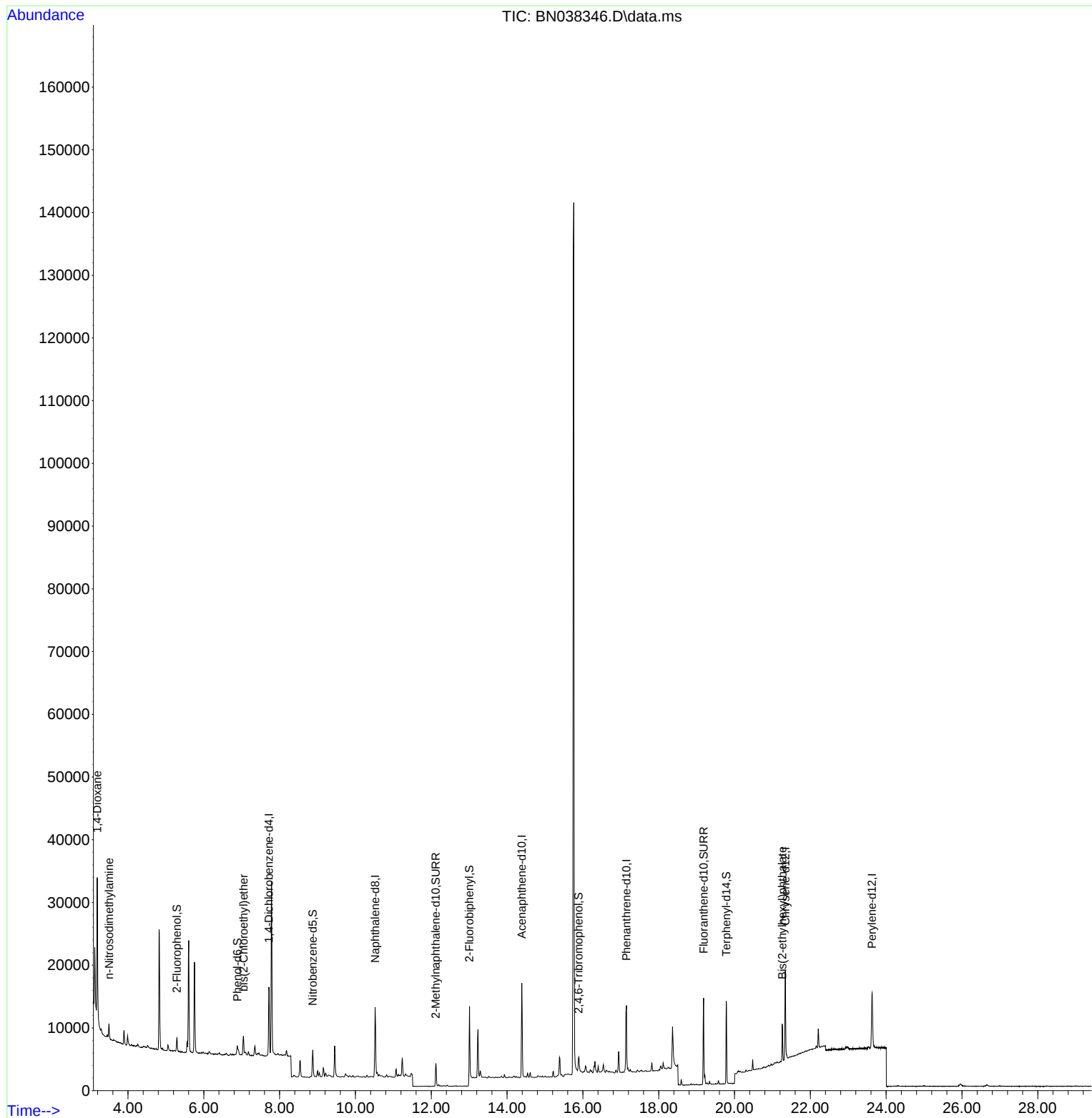
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	5531	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	14873	0.400	ng	#-0.01
13) Acenaphthene-d10	14.387	164	8212	0.400	ng	-0.01
19) Phenanthrene-d10	17.148	188	16033	0.400	ng	0.00
29) Chrysene-d12	21.339	240	12704	0.400	ng	0.00
35) Perylene-d12	23.627	264	12519	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	1723	0.125	ng	0.00
5) Phenol-d6	6.886	99	1260	0.077	ng	0.00
8) Nitrobenzene-d5	8.875	82	3707	0.295	ng	0.00
11) 2-Methylnaphthalene-d10	12.121	152	5241	0.250	ng	0.00
14) 2,4,6-Tribromophenol	15.882	330	1180	0.324	ng	-0.01
15) 2-Fluorobiphenyl	13.008	172	10813	0.273	ng	0.00
27) Fluoranthene-d10	19.183	212	14269	0.360	ng	0.00
31) Terphenyl-d14	19.782	244	12001	0.423	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.189	88	12591	1.985	ng	# 96
3) n-Nitrosodimethylamine	3.499	42	261	0.033	ng	# 8
6) bis(2-Chloroethyl)ether	7.045	93	4831	0.302	ng	# 27
34) Bis(2-ethylhexyl)phtha...	21.259	149	5763	0.214	ng	97

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

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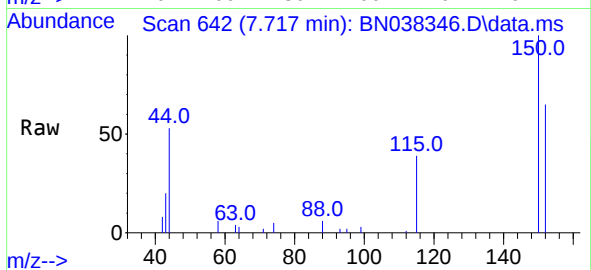
Quant Time: Dec 12 11:36:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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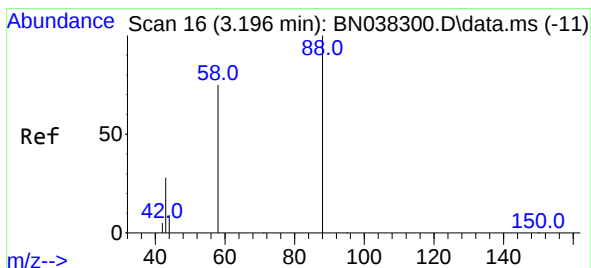
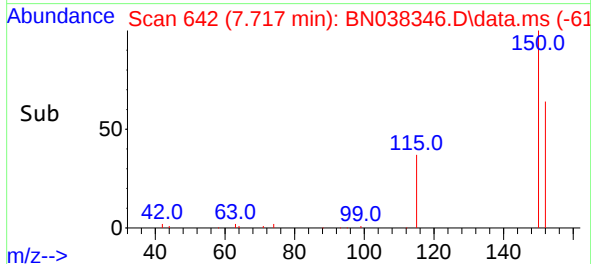
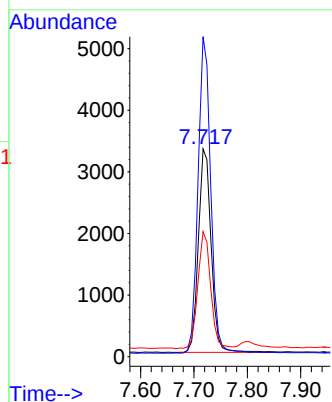


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038346.D
Acq: 12 Dec 2025 11:12

Instrument :
BNA_N
ClientSampleId :
BR-04DR-451-120825

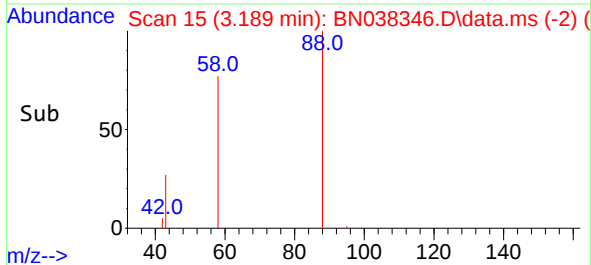
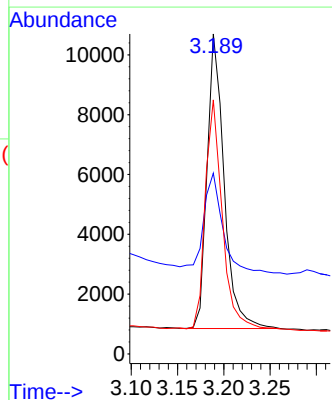
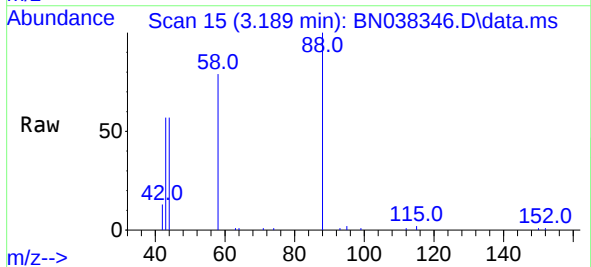


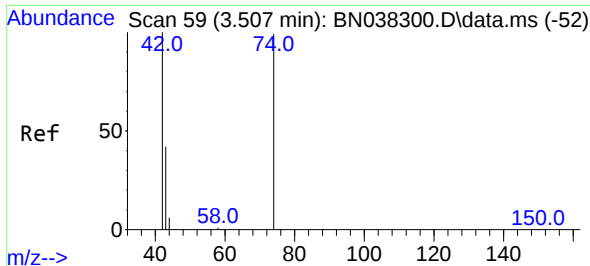
Tgt Ion:152 Resp: 5531
Ion Ratio Lower Upper
152 100
150 154.0 122.4 183.6
115 60.2 47.3 70.9



#2
1,4-Dioxane
Concen: 1.985 ng
RT: 3.189 min Scan# 15
Delta R.T. -0.007 min
Lab File: BN038346.D
Acq: 12 Dec 2025 11:12

Tgt Ion: 88 Resp: 12591
Ion Ratio Lower Upper
88 100
43 38.1 24.9 37.3#
58 77.6 61.4 92.0

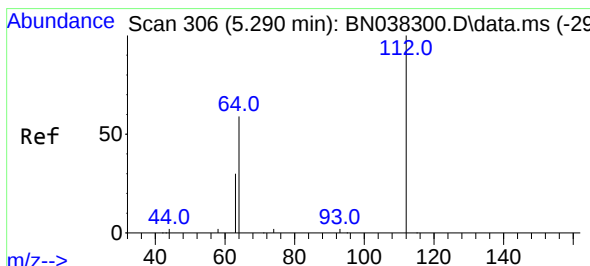
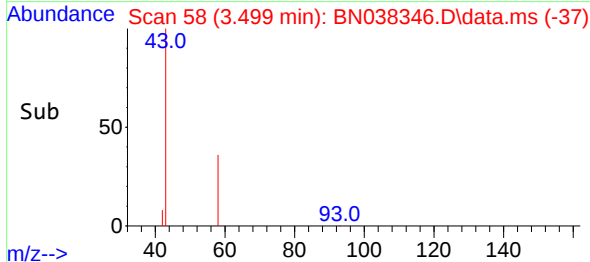
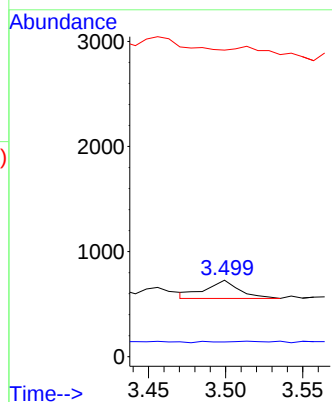
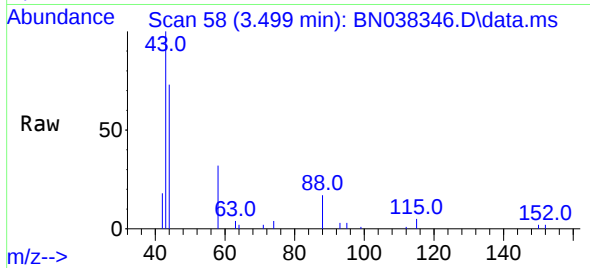




#3
 n-Nitrosodimethylamine
 Concen: 0.033 ng
 RT: 3.499 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: BN038346.D
 Acq: 12 Dec 2025 11:12

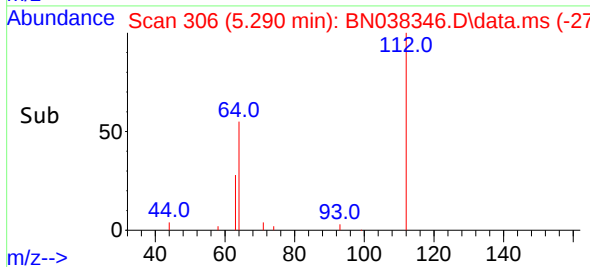
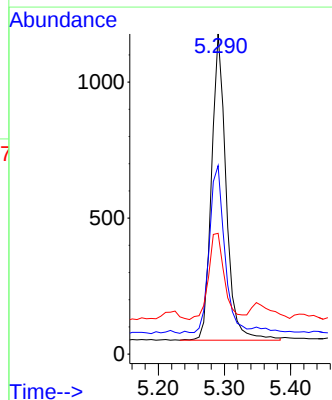
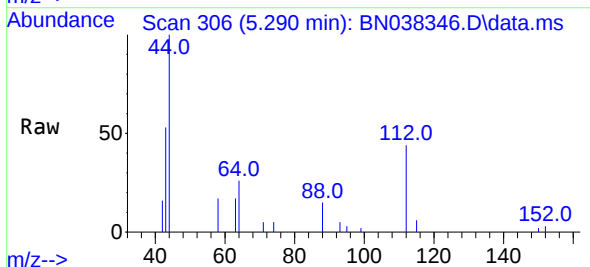
Instrument :
 BNA_N
 ClientSampleId :
 BR-04DR-451-120825

Tgt Ion: 42 Resp: 261
 Ion Ratio Lower Upper
 42 100
 74 11.9 95.3 142.9#
 44 0.0 7.9 11.9#



#4
 2-Fluorophenol
 Concen: 0.125 ng
 RT: 5.290 min Scan# 306
 Delta R.T. -0.000 min
 Lab File: BN038346.D
 Acq: 12 Dec 2025 11:12

Tgt Ion: 112 Resp: 1723
 Ion Ratio Lower Upper
 112 100
 64 58.2 44.4 66.6
 63 30.4 23.4 35.0

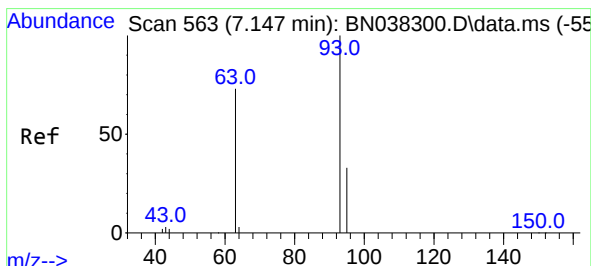
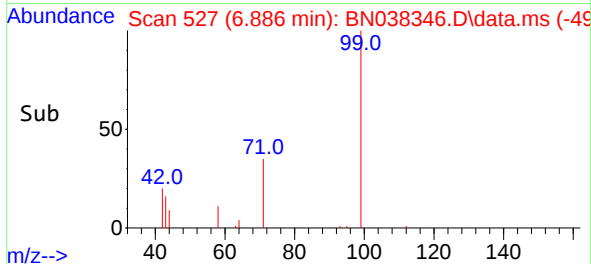
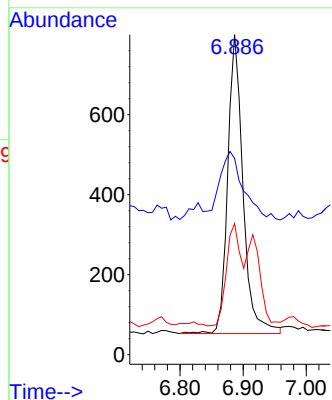
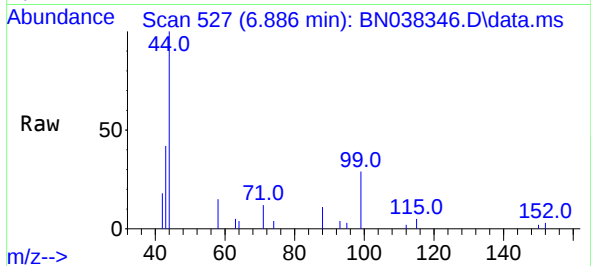




#5
Phenol-d6
Concen: 0.077 ng
RT: 6.886 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN038346.D
Acq: 12 Dec 2025 11:12

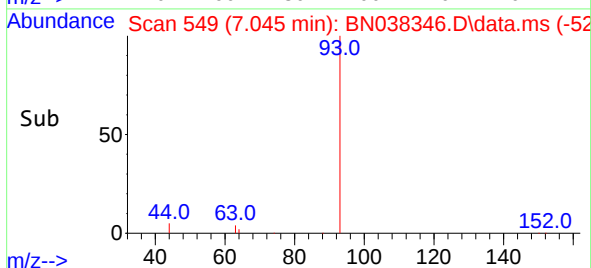
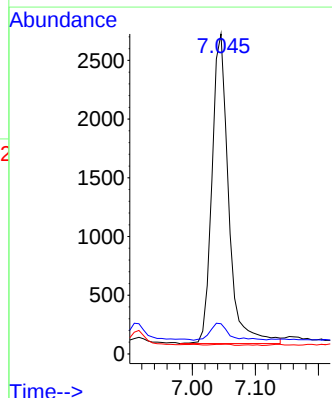
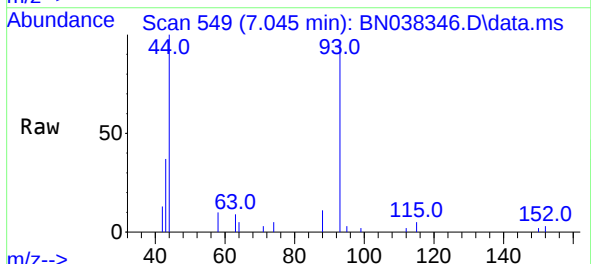
Instrument :
BNA_N
ClientSampleId :
BR-04DR-451-120825

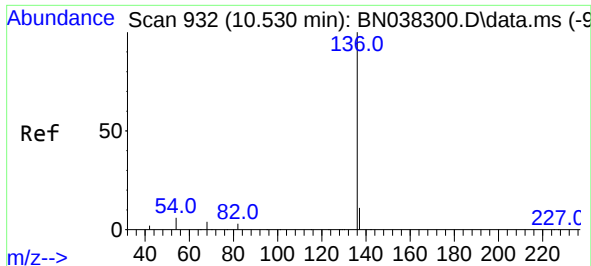
Tgt Ion: 99 Resp: 1260
Ion Ratio Lower Upper
99 100
42 35.4 16.5 24.7#
71 34.4 24.9 37.3



#6
bis(2-Chloroethyl)ether
Concen: 0.302 ng
RT: 7.045 min Scan# 549
Delta R.T. -0.101 min
Lab File: BN038346.D
Acq: 12 Dec 2025 11:12

Tgt Ion: 93 Resp: 4831
Ion Ratio Lower Upper
93 100
63 6.0 59.2 88.8#
95 0.3 25.2 37.8#

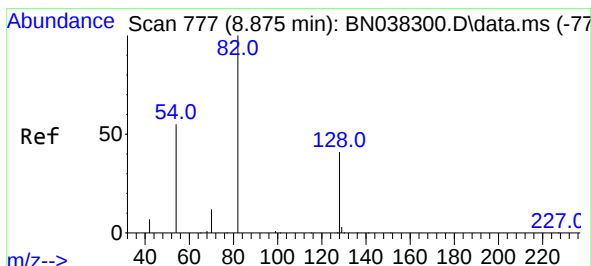
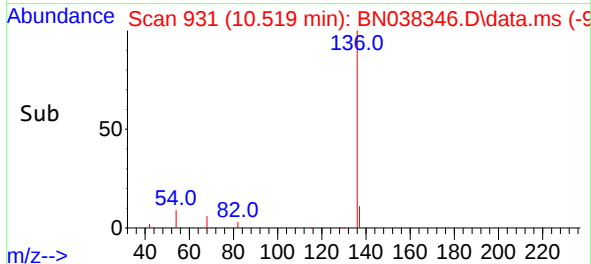
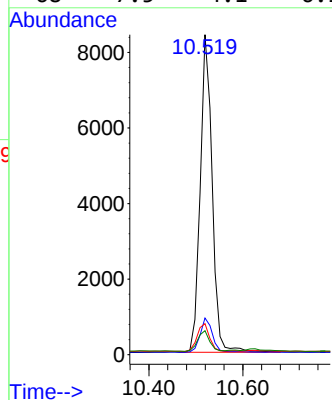
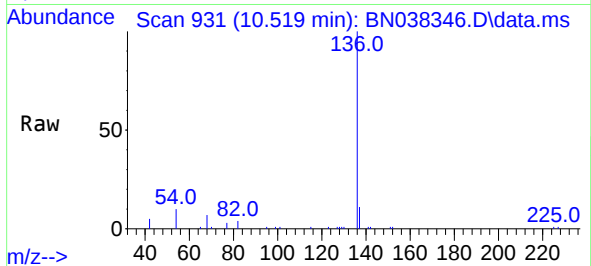




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN038346.D
Acq: 12 Dec 2025 11:12

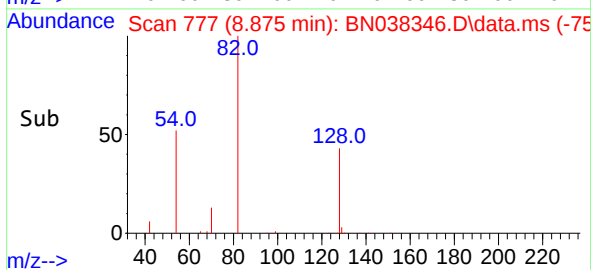
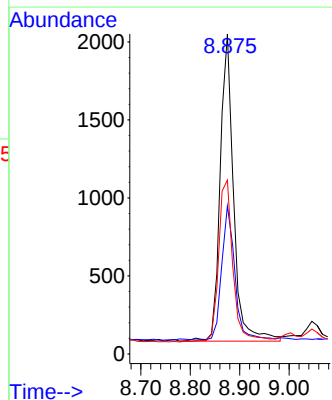
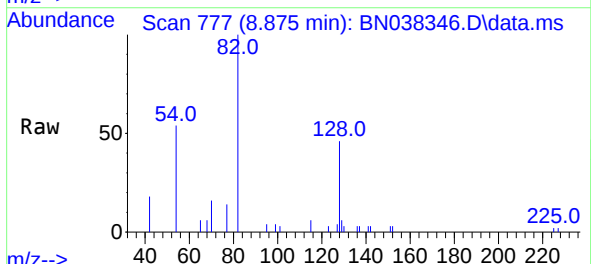
Instrument :
BNA_N
ClientSampleId :
BR-04DR-451-120825

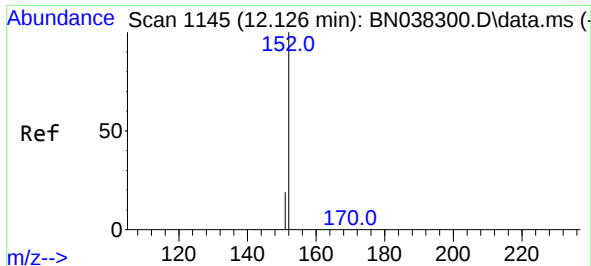
Tgt Ion:	136	Resp:	14873
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	9.7	5.2	7.8#
68	7.5	4.1	6.1#



#8
Nitrobenzene-d5
Concen: 0.295 ng
RT: 8.875 min Scan# 777
Delta R.T. -0.000 min
Lab File: BN038346.D
Acq: 12 Dec 2025 11:12

Tgt Ion:	82	Resp:	3707
Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.0	51.0
54	54.4	44.4	66.6

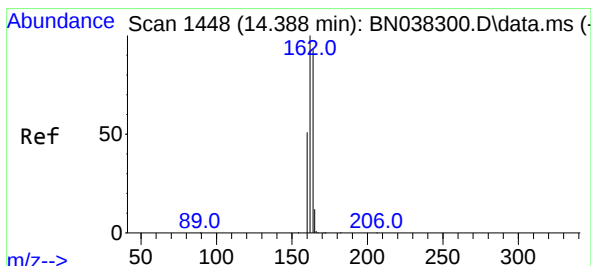
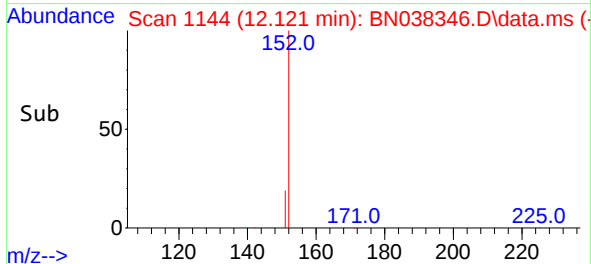
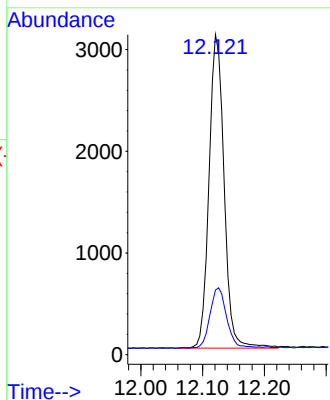
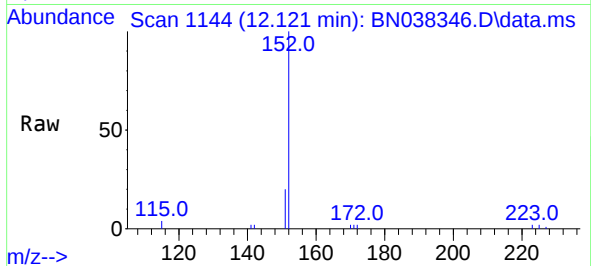




#11
2-Methylnaphthalene-d10
Concen: 0.250 ng
RT: 12.121 min Scan# 1145
Delta R.T. -0.005 min
Lab File: BN038346.D
Acq: 12 Dec 2025 11:12

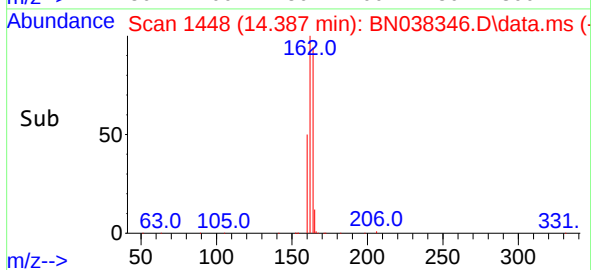
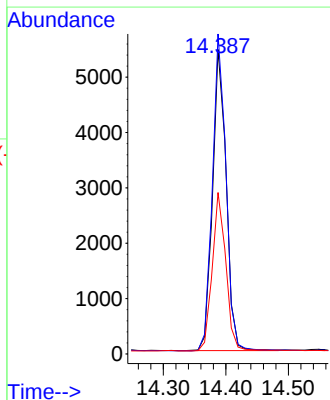
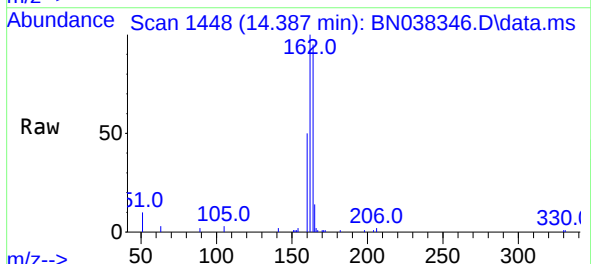
Instrument :
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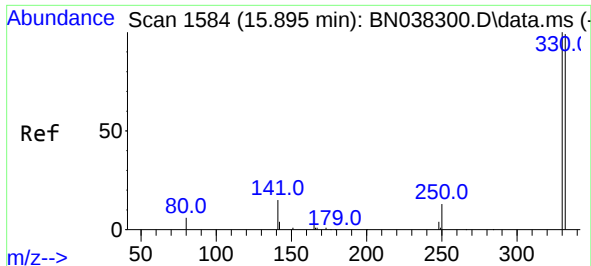
Tgt Ion:152 Resp: 5241
Ion Ratio Lower Upper
152 100
151 21.2 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.387 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038346.D
Acq: 12 Dec 2025 11:12

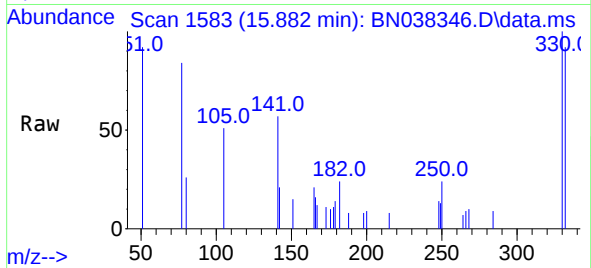
Tgt Ion:164 Resp: 8212
Ion Ratio Lower Upper
164 100
162 105.1 86.2 129.4
160 53.0 44.6 67.0



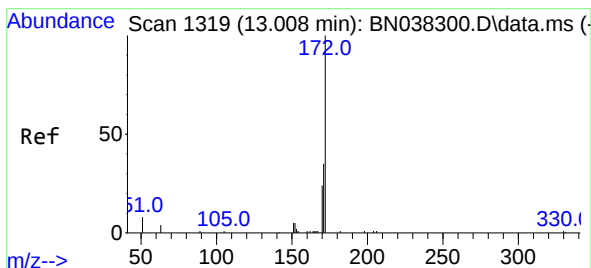
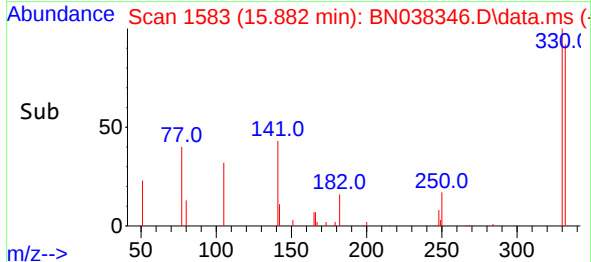
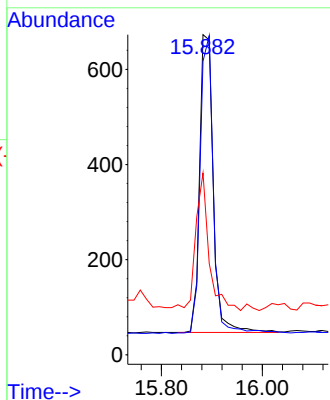


#14
2,4,6-Tribromophenol
Concen: 0.324 ng
RT: 15.882 min Scan# 1583
Delta R.T. -0.013 min
Lab File: BN038346.D
Acq: 12 Dec 2025 11:12

Instrument :
BNA_N
ClientSampleId :
BR-04DR-451-120825

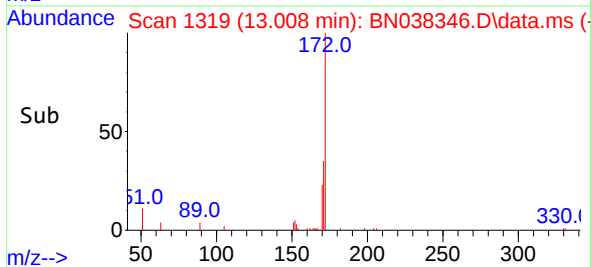
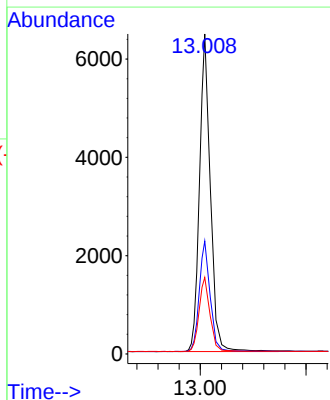
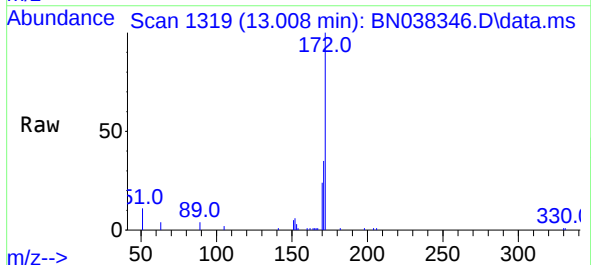


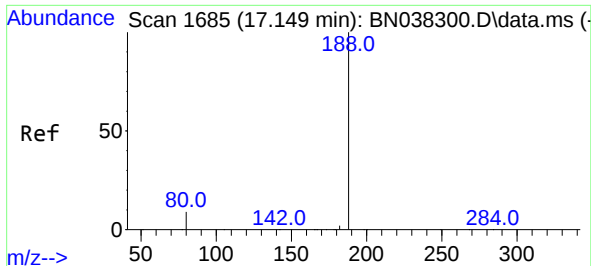
Tgt Ion:330 Resp: 1180
Ion Ratio Lower Upper
330 100
332 96.9 75.8 113.6
141 44.9 31.8 47.8



#15
2-Fluorobiphenyl
Concen: 0.273 ng
RT: 13.008 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BN038346.D
Acq: 12 Dec 2025 11:12

Tgt Ion:172 Resp: 10813
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.9 19.3 28.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.148 min Scan# 1685

Delta R.T. -0.000 min

Lab File: BN038346.D

Acq: 12 Dec 2025 11:12

Instrument :

BNA_N

ClientSampleId :

BR-04DR-451-120825

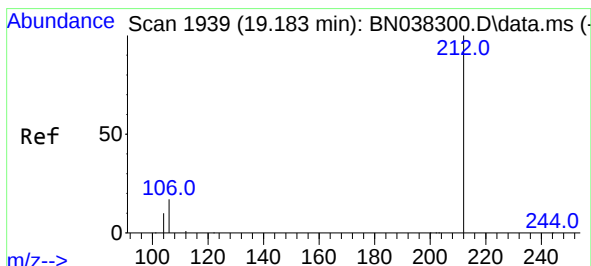
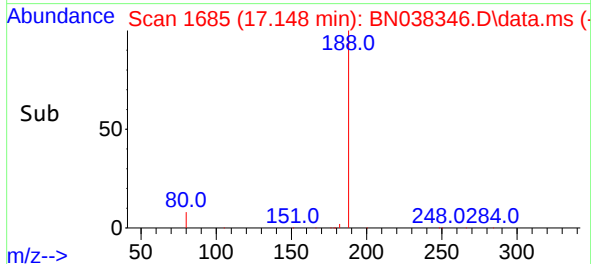
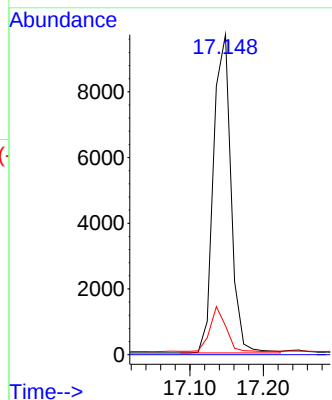
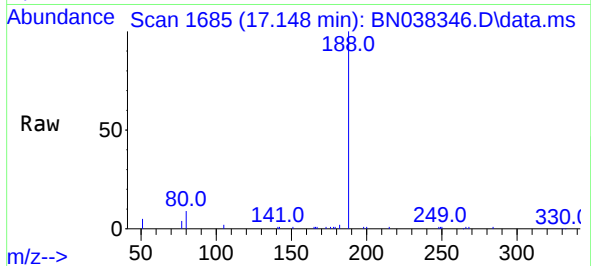
Tgt Ion:188 Resp: 16033

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.0 7.4 11.0



#27

Fluoranthene-d10

Concen: 0.360 ng

RT: 19.183 min Scan# 1939

Delta R.T. -0.005 min

Lab File: BN038346.D

Acq: 12 Dec 2025 11:12

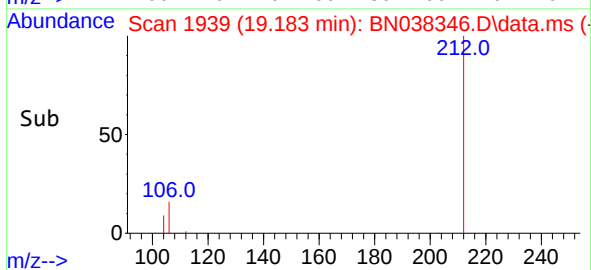
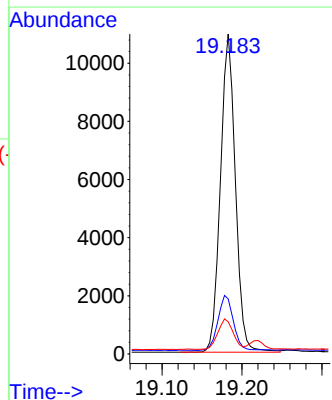
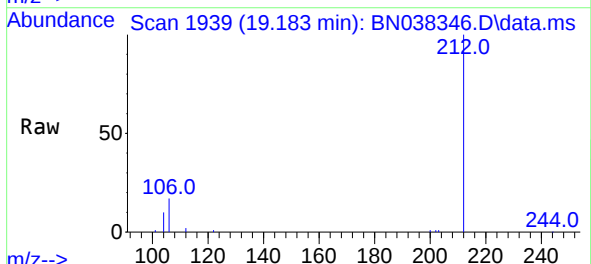
Tgt Ion:212 Resp: 14269

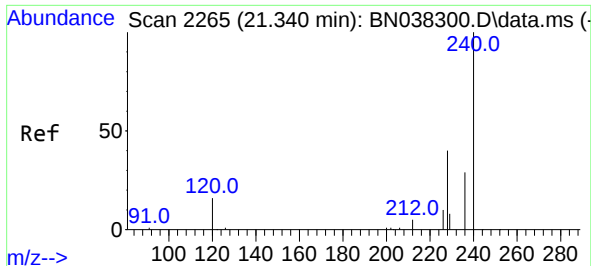
Ion Ratio Lower Upper

212 100

106 17.9 13.7 20.5

104 9.7 7.8 11.8

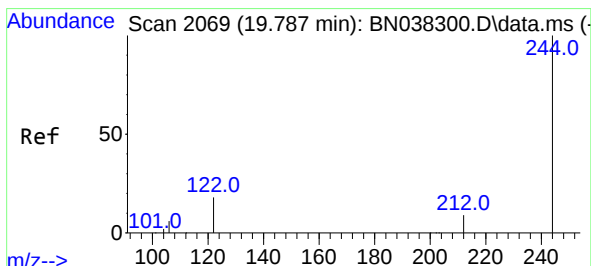
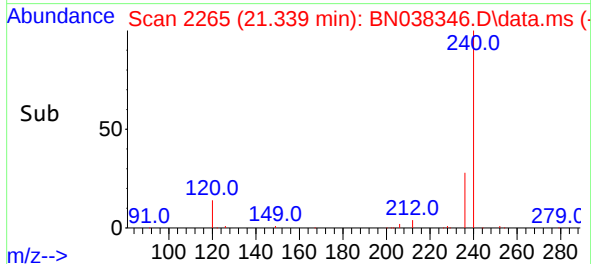
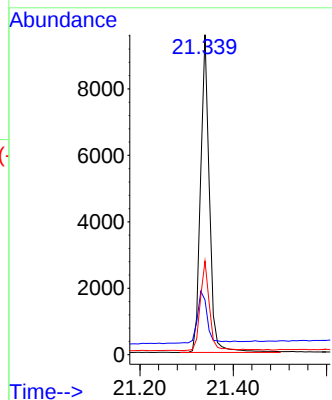
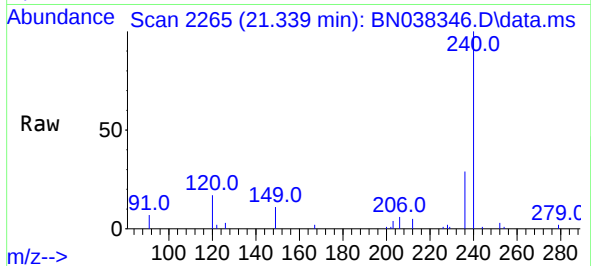




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.339 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN038346.D
Acq: 12 Dec 2025 11:12

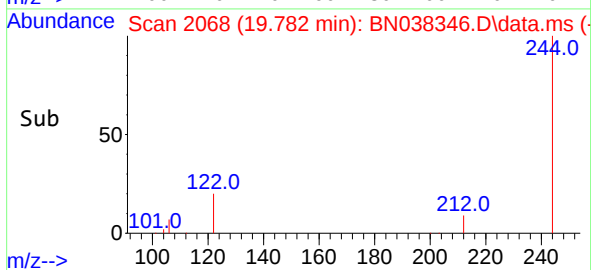
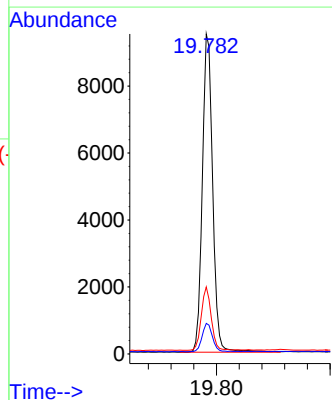
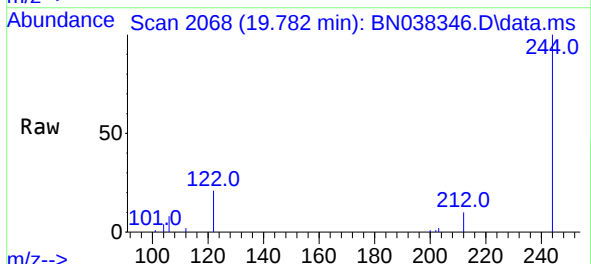
Instrument :
BNA_N
ClientSampleId :
BR-04DR-451-120825

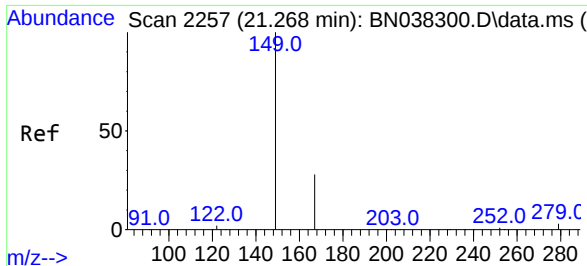
Tgt Ion:240 Resp: 12704
Ion Ratio Lower Upper
240 100
120 17.1 15.4 23.2
236 29.3 23.9 35.9



#31
Terphenyl-d14
Concen: 0.423 ng
RT: 19.782 min Scan# 2068
Delta R.T. -0.009 min
Lab File: BN038346.D
Acq: 12 Dec 2025 11:12

Tgt Ion:244 Resp: 12001
Ion Ratio Lower Upper
244 100
212 9.5 7.9 11.9
122 21.0 15.0 22.6

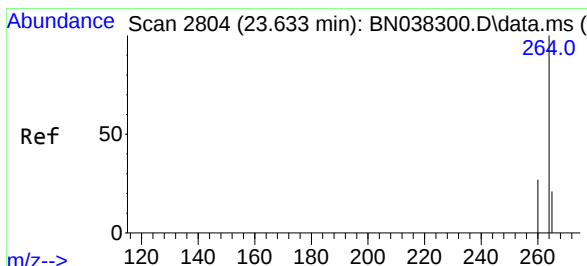
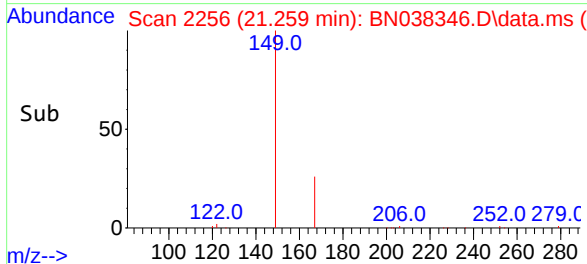
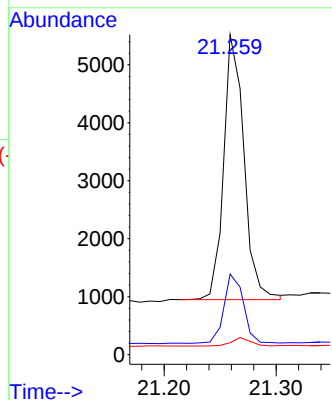
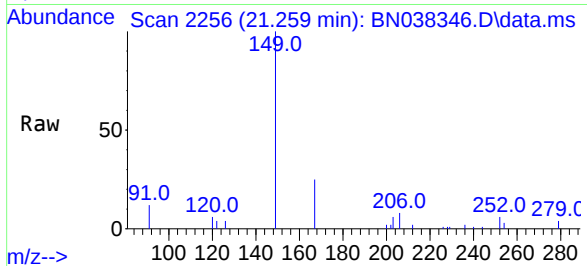




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.214 ng
 RT: 21.259 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN038346.D
 Acq: 12 Dec 2025 11:12

Instrument :
 BNA_N
 ClientSampleId :
 BR-04DR-451-120825

Tgt Ion:149 Resp: 5763
 Ion Ratio Lower Upper
 149 100
 167 25.1 21.4 32.0
 279 3.0 2.4 3.6



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.627 min Scan# 2802
 Delta R.T. -0.006 min
 Lab File: BN038346.D
 Acq: 12 Dec 2025 11:12

Tgt Ion:264 Resp: 12519
 Ion Ratio Lower Upper
 264 100
 260 27.4 22.2 33.2
 265 91.3 80.2 120.2

