

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
 Data File : BN038347.D
 Acq On : 12 Dec 2025 11:49
 Operator : RC/JU
 Sample : Q3813-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB01-120825

Quant Time: Dec 12 12:12:41 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)

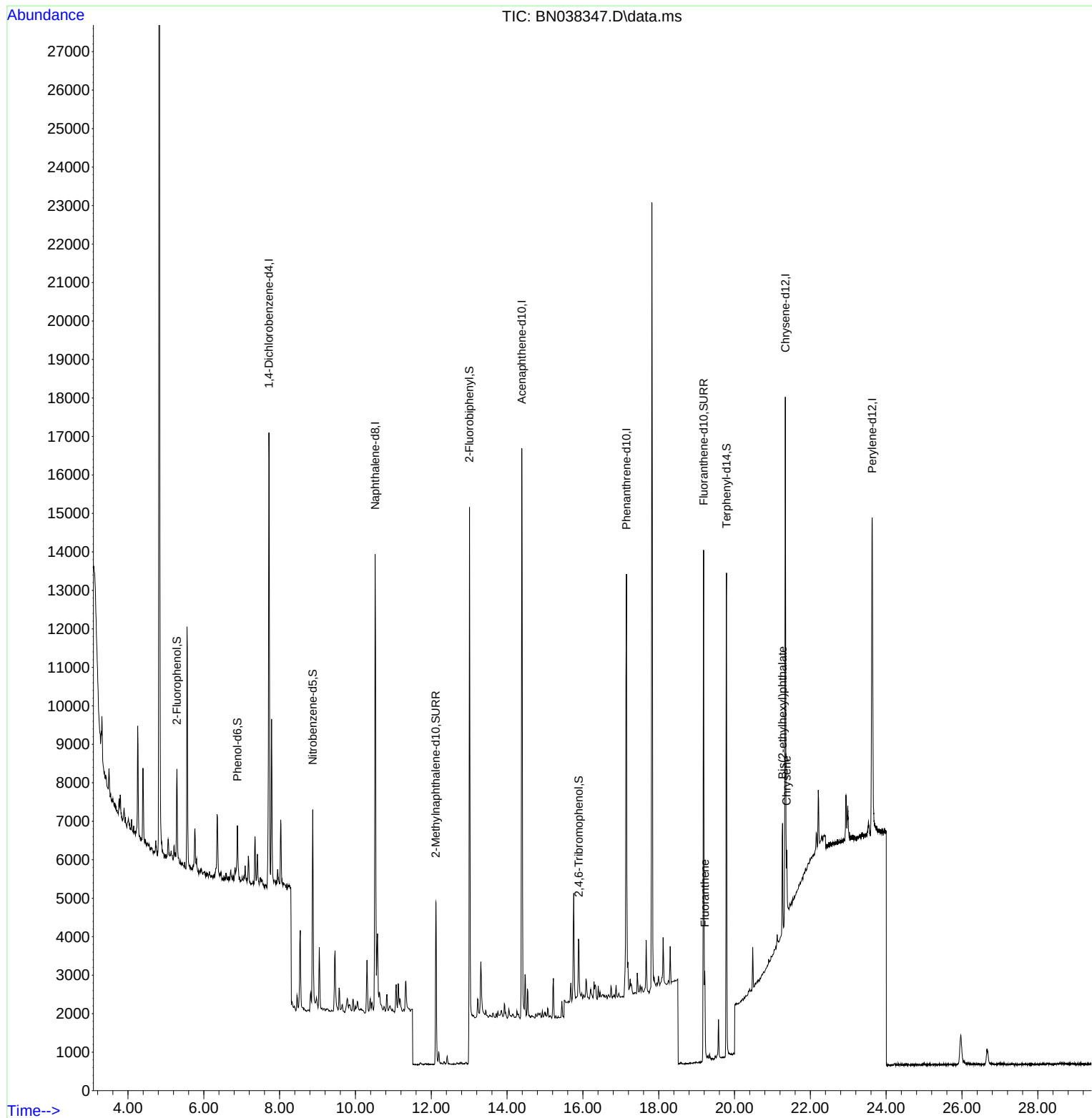
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	6003	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	15645	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	8460	0.400	ng	-0.01
19) Phenanthrene-d10	17.149	188	16049	0.400	ng	0.00
29) Chrysene-d12	21.340	240	12341	0.400	ng	0.00
35) Perylene-d12	23.630	264	12255	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	1999	0.134	ng	0.00
5) Phenol-d6	6.887	99	1375	0.077	ng	0.00
8) Nitrobenzene-d5	8.875	82	4377	0.332	ng	0.00
11) 2-Methylnaphthalene-d10	12.121	152	6027	0.273	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	1110	0.296	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	11880	0.291	ng	0.00
27) Fluoranthene-d10	19.183	212	14370	0.362	ng	0.00
31) Terphenyl-d14	19.787	244	11910	0.432	ng	0.00
Target Compounds						Qvalue
28) Fluoranthene	19.215	202	1366	0.023	ng	# 81
33) Chrysene	21.375	228	1204	0.023	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.268	149	3031	0.116	ng	97

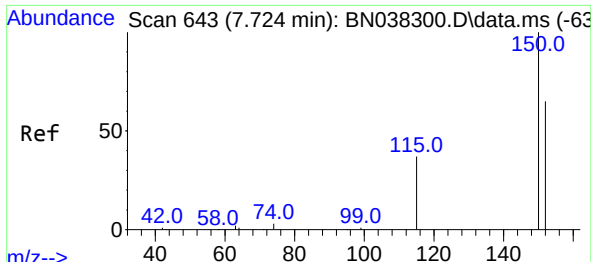
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 10 13:56:50 2025
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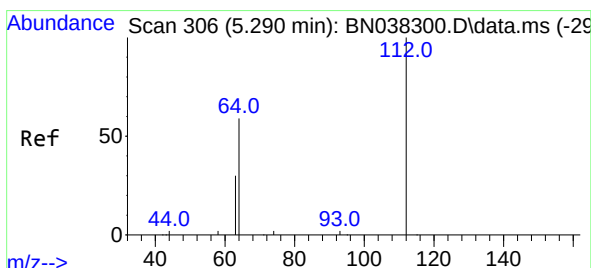
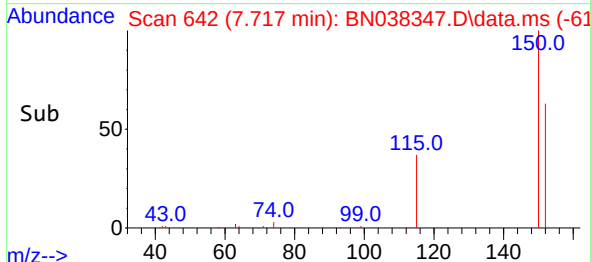
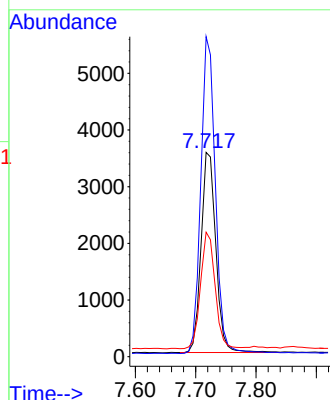
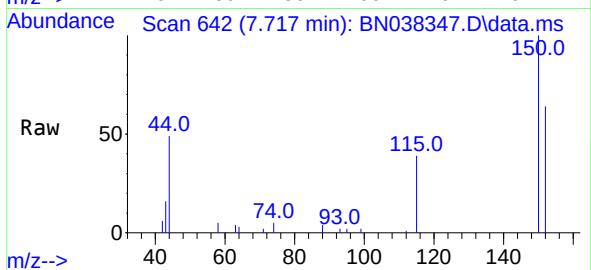




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

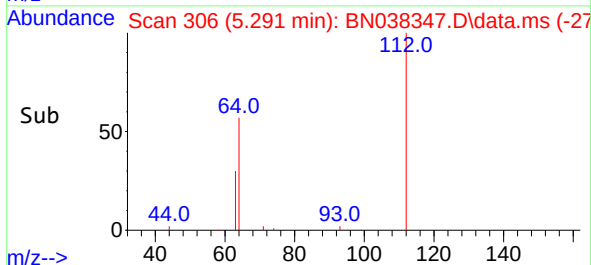
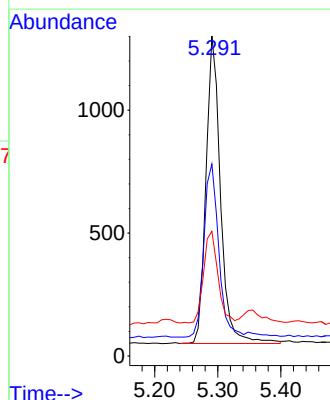
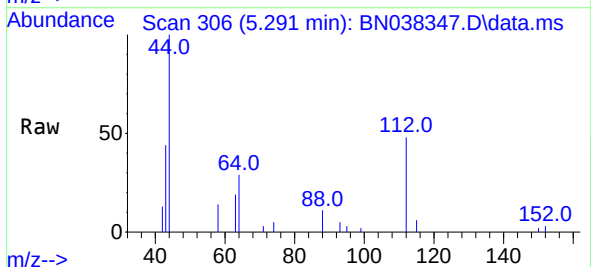
Instrument :
BNA_N
ClientSampleId :
EB01-120825

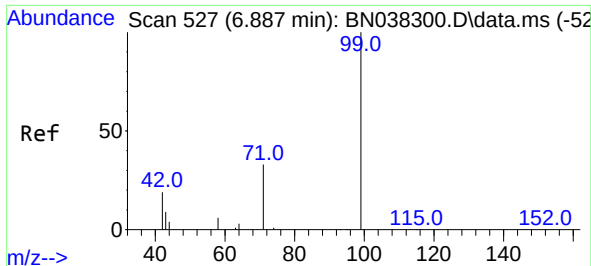
Tgt Ion:152 Resp: 6003
Ion Ratio Lower Upper
152 100
150 156.6 122.4 183.6
115 60.9 47.3 70.9



#4
2-Fluorophenol
Concen: 0.134 ng
RT: 5.291 min Scan# 306
Delta R.T. 0.000 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

Tgt Ion:112 Resp: 1999
Ion Ratio Lower Upper
112 100
64 57.2 44.4 66.6
63 29.4 23.4 35.0

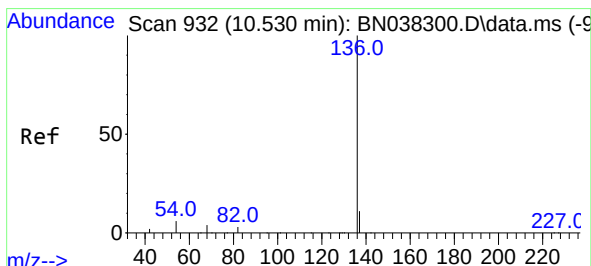
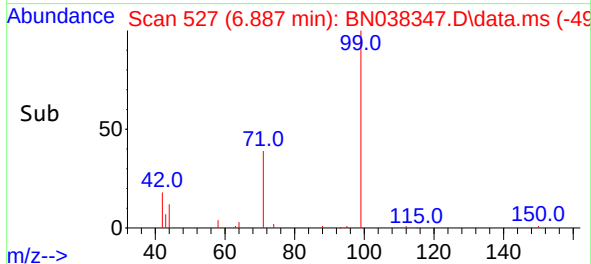
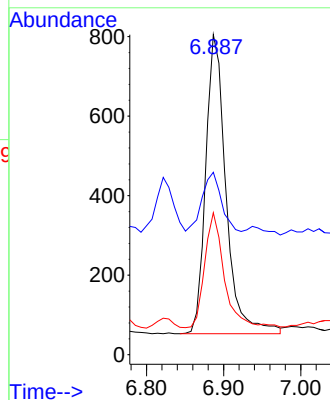
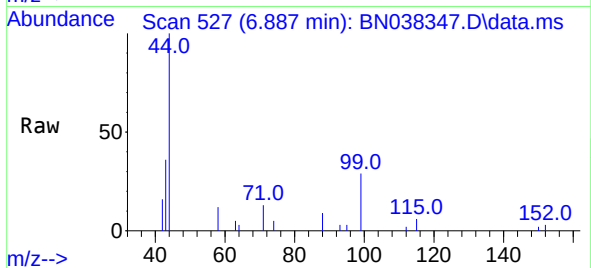




#5
Phenol-d6
Concen: 0.077 ng
RT: 6.887 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

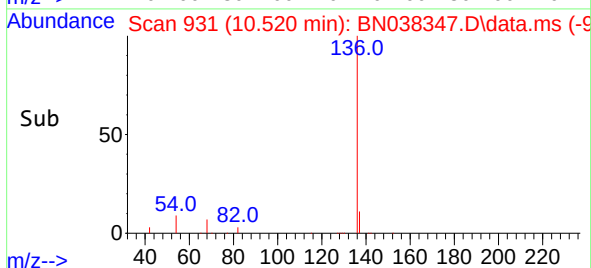
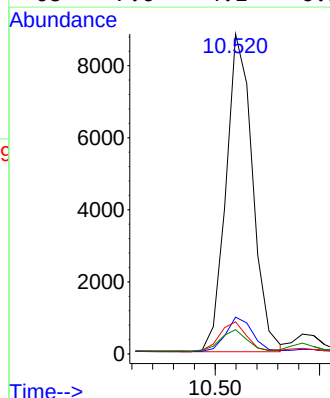
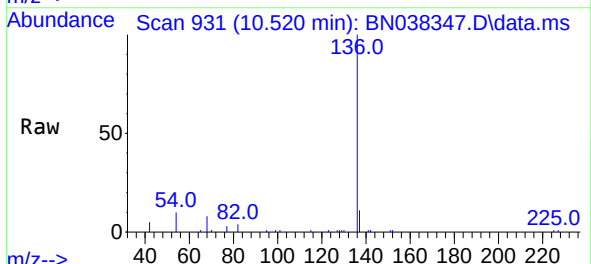
Instrument :
BNA_N
ClientSampleId :
EB01-120825

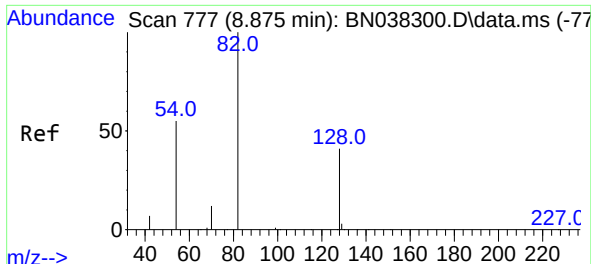
Tgt Ion: 99 Resp: 1375
Ion Ratio Lower Upper
99 100
42 19.1 16.5 24.7
71 37.5 24.9 37.3#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 931
Delta R.T. -0.011 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

Tgt Ion: 136 Resp: 15645
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 10.0 5.2 7.8#
68 7.6 4.1 6.1#

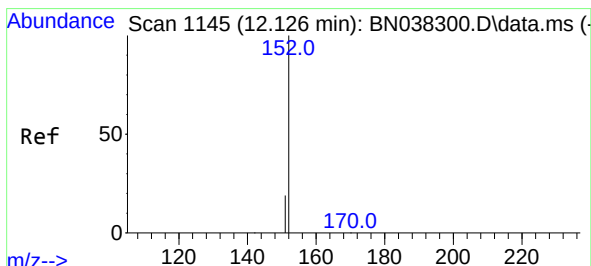
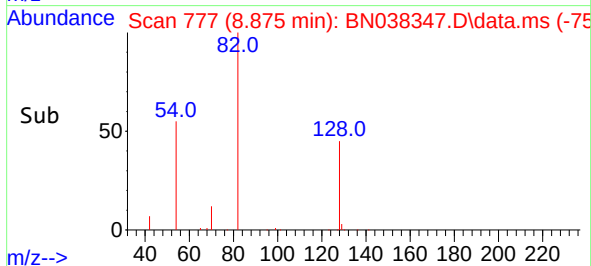
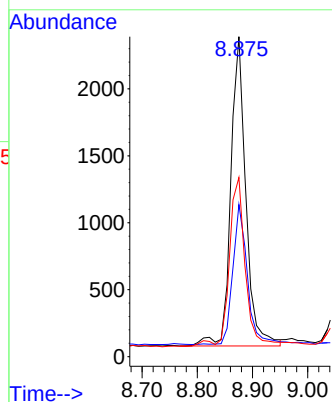
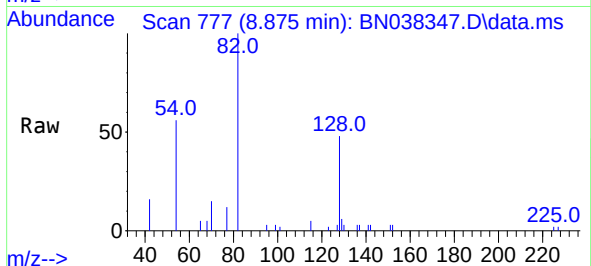




#8
Nitrobenzene-d5
Concen: 0.332 ng
RT: 8.875 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

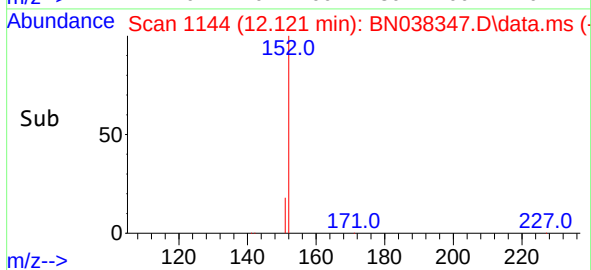
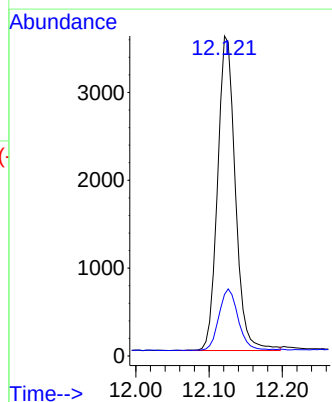
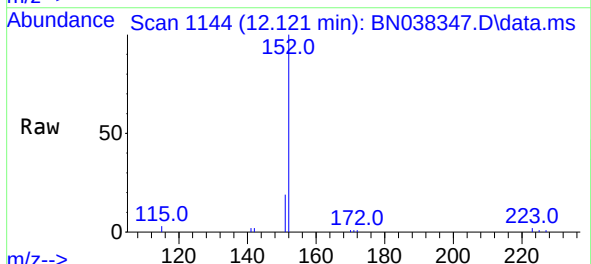
Instrument :
BNA_N
ClientSampleId :
EB01-120825

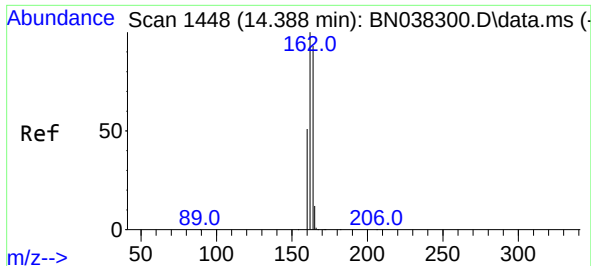
Tgt Ion: 82 Resp: 4377
Ion Ratio Lower Upper
82 100
128 47.5 34.0 51.0
54 56.0 44.4 66.6



#11
2-Methylnaphthalene-d10
Concen: 0.273 ng
RT: 12.121 min Scan# 1144
Delta R.T. -0.005 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

Tgt Ion:152 Resp: 6027
Ion Ratio Lower Upper
152 100
151 21.5 17.0 25.6

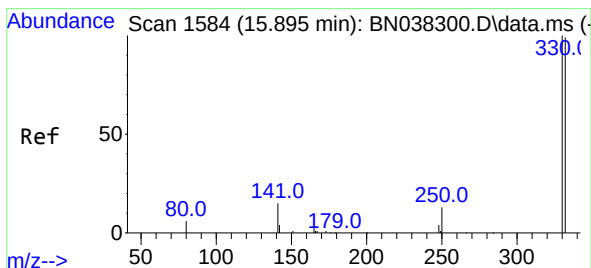
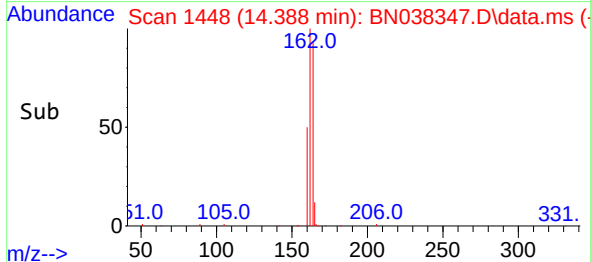
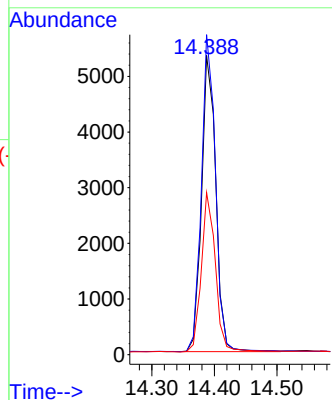
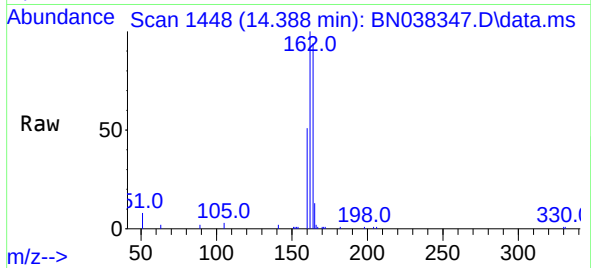




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

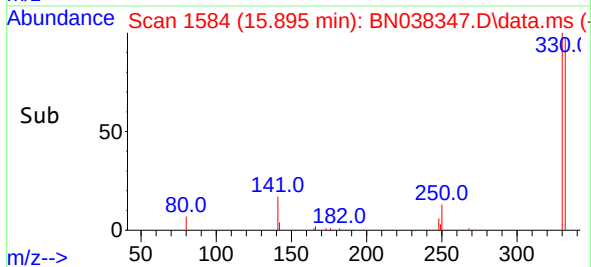
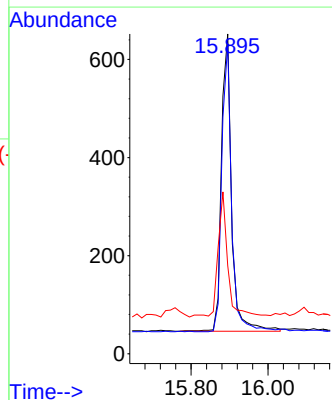
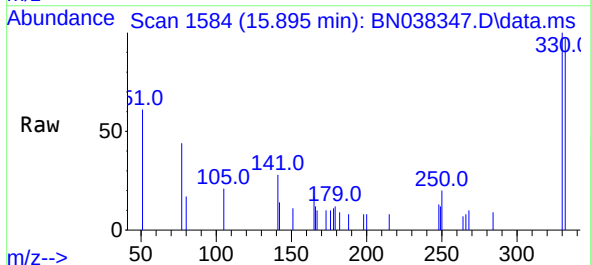
Instrument :
BNA_N
ClientSampleId :
EB01-120825

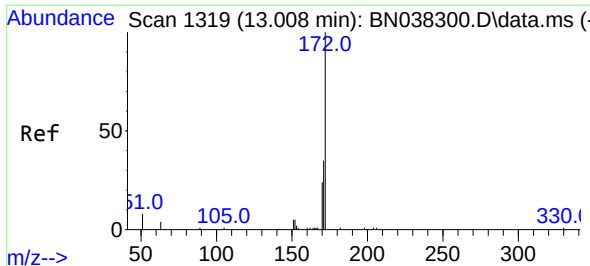
Tgt Ion:164 Resp: 8460
Ion Ratio Lower Upper
164 100
162 106.9 86.2 129.4
160 54.1 44.6 67.0



#14
2,4,6-Tribromophenol
Concen: 0.296 ng
RT: 15.895 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

Tgt Ion:330 Resp: 1110
Ion Ratio Lower Upper
330 100
332 93.9 75.8 113.6
141 40.9 31.8 47.8

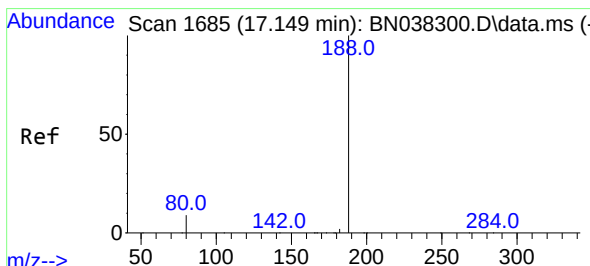
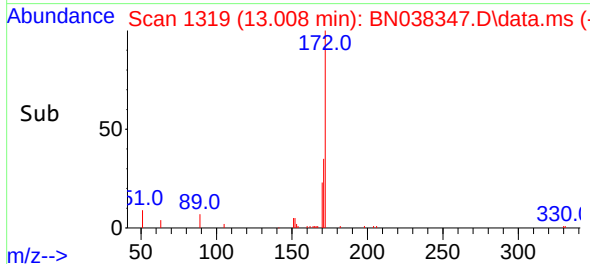
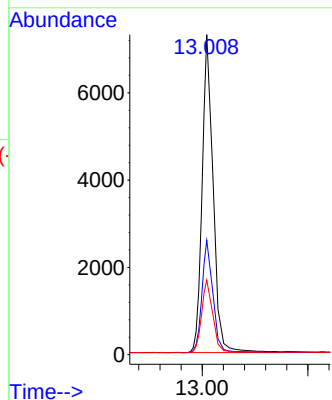
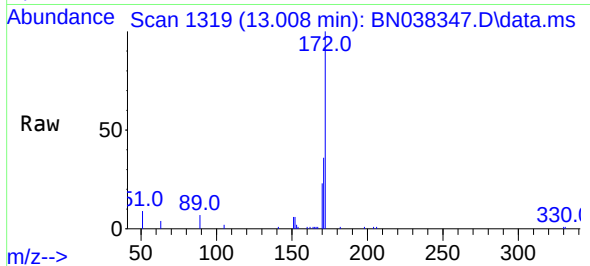




#15
2-Fluorobiphenyl
Concen: 0.291 ng
RT: 13.008 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

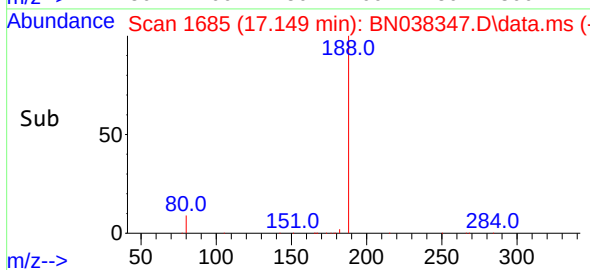
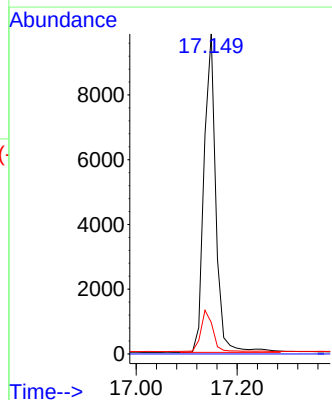
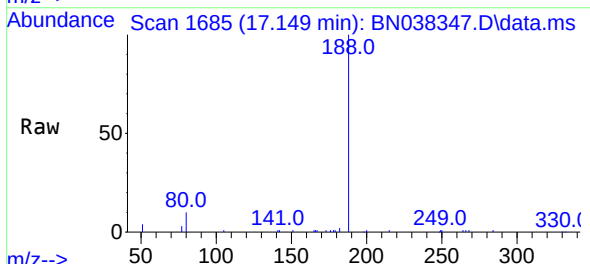
Instrument :
BNA_N
ClientSampleId :
EB01-120825

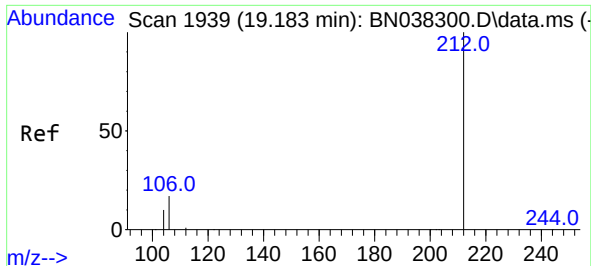
Tgt Ion:	172	Resp:	11880
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	23.4	19.3	28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.149 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

Tgt Ion:	188	Resp:	16049
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.8	7.4	11.0

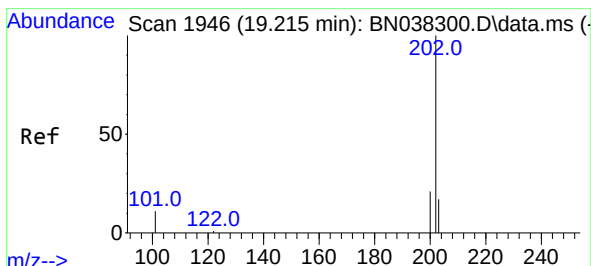
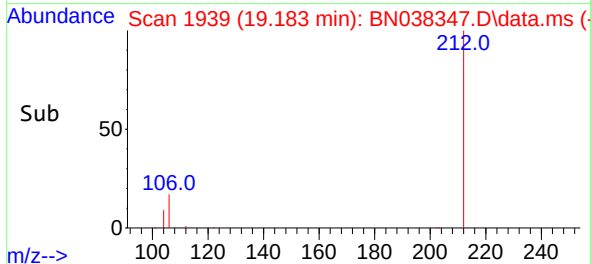
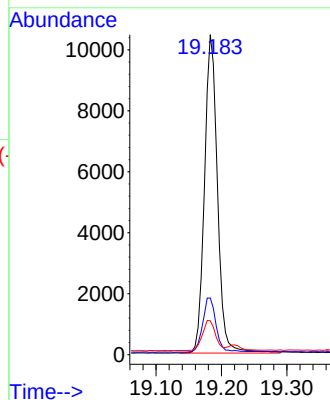
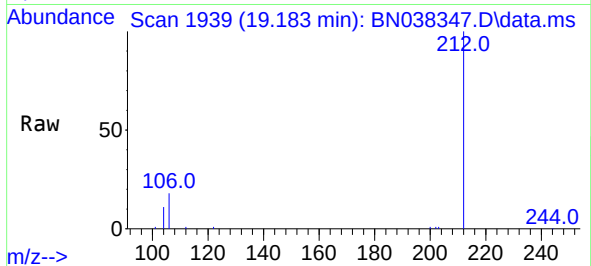




#27
Fluoranthene-d10
Concen: 0.362 ng
RT: 19.183 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

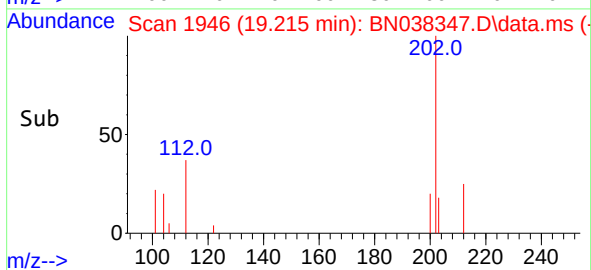
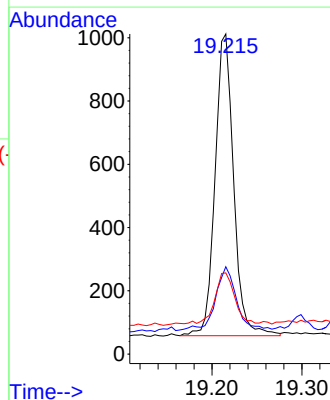
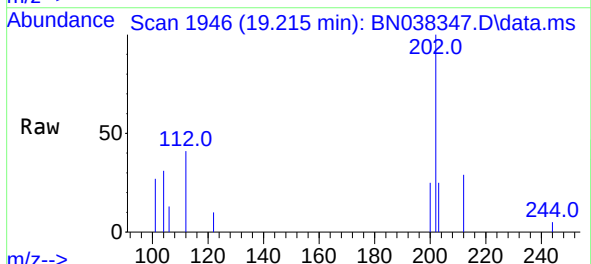
Instrument :
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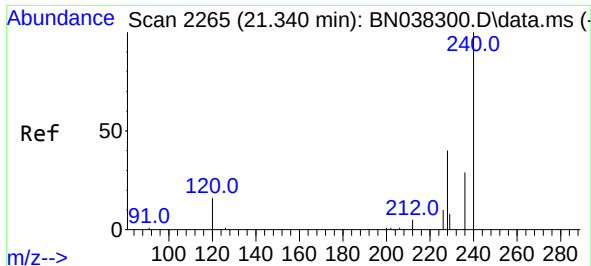
Tgt Ion:212 Resp: 14370
Ion Ratio Lower Upper
212 100
106 17.7 13.7 20.5
104 9.6 7.8 11.8



#28
Fluoranthene
Concen: 0.023 ng
RT: 19.215 min Scan# 1946
Delta R.T. -0.005 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

Tgt Ion:202 Resp: 1366
Ion Ratio Lower Upper
202 100
101 26.2 9.6 14.4#
203 19.9 13.5 20.3

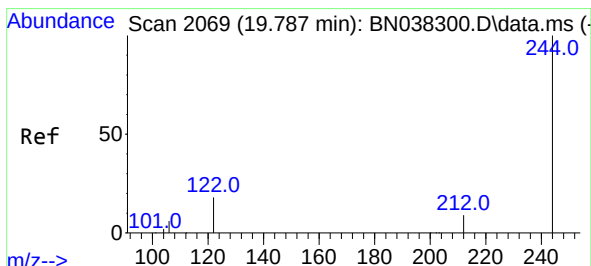
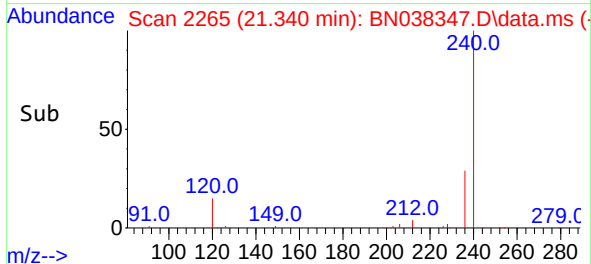
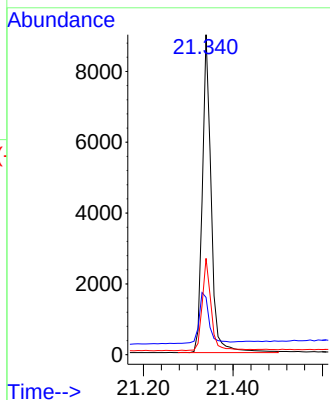
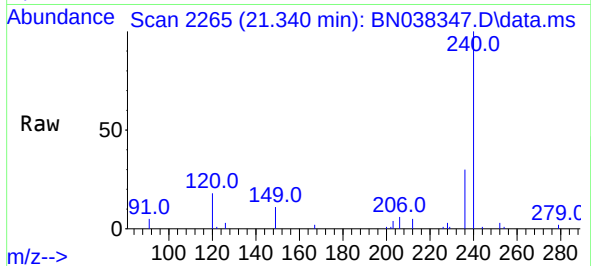




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

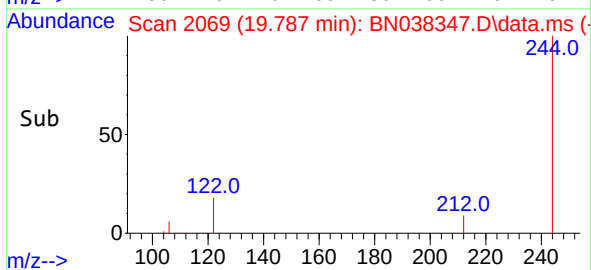
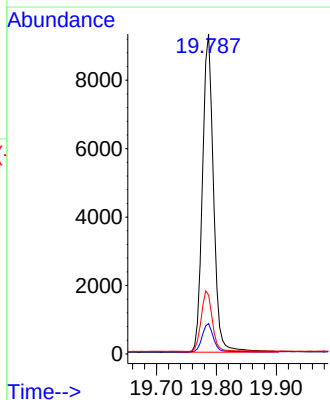
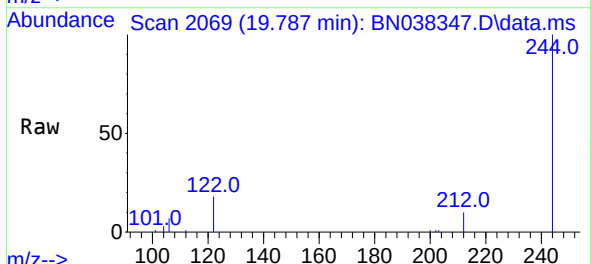
Instrument :
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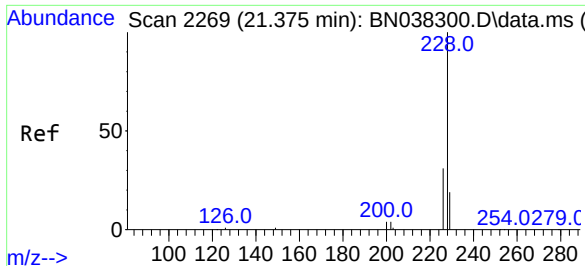
Tgt Ion:	240	Resp:	12341
Ion	Ratio	Lower	Upper
240	100		
120	17.9	15.4	23.2
236	30.1	23.9	35.9



#31
Terphenyl-d14
Concen: 0.432 ng
RT: 19.787 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

Tgt Ion:	244	Resp:	11910
Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.9	11.9
122	18.4	15.0	22.6

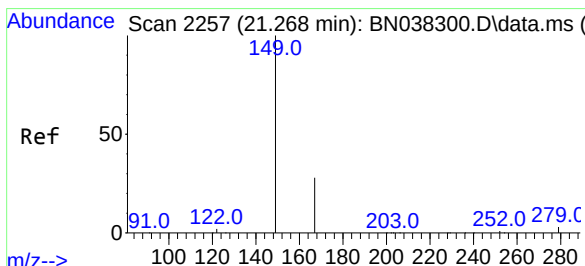
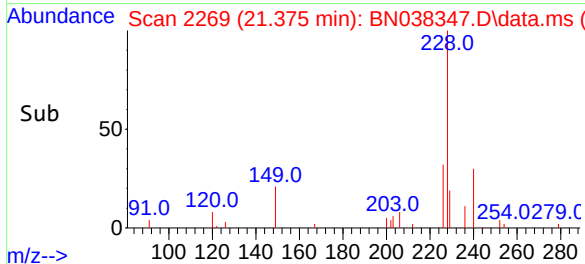
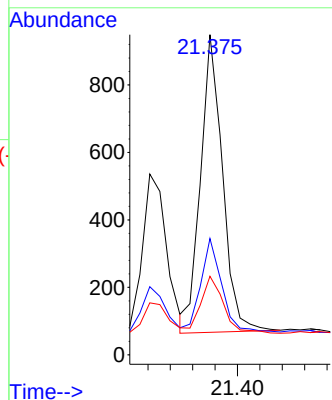
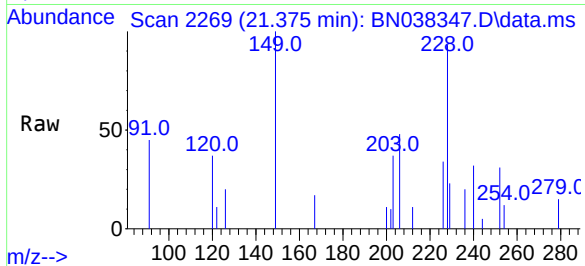




#33
Chrysene
Concen: 0.023 ng
RT: 21.375 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

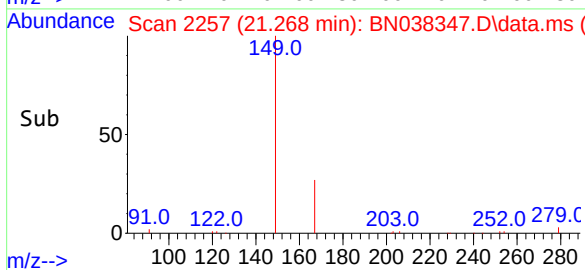
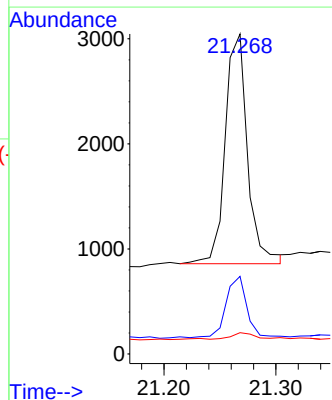
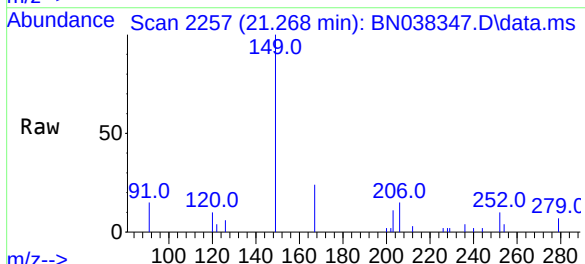
Instrument :
BNA_N
ClientSampleId :
EB01-120825

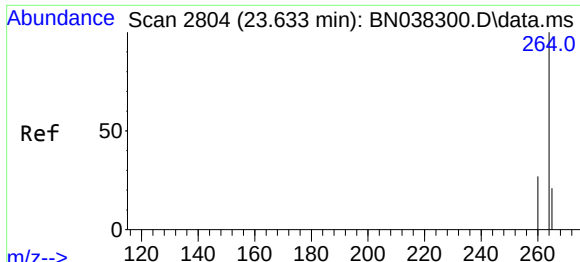
Tgt Ion:228 Resp: 1204
Ion Ratio Lower Upper
228 100
226 36.4 25.0 37.4
229 24.6 15.5 23.3#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.116 ng
RT: 21.268 min Scan# 2257
Delta R.T. 0.000 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

Tgt Ion:149 Resp: 3031
Ion Ratio Lower Upper
149 100
167 25.0 21.4 32.0
279 3.0 2.4 3.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.630 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BN038347.D
 Acq: 12 Dec 2025 11:49

Instrument :
 BNA_N
 ClientSampleId :
 EB01-120825

Tgt Ion:264 Resp: 12255

Ion	Ratio	Lower	Upper
264	100		
260	28.2	22.2	33.2
265	96.7	80.2	120.2

