

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
 Data File : BN038345.D
 Acq On : 12 Dec 2025 10:36
 Operator : RC/JU
 Sample : Q3788-01DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OWBR-05-135-120525DL

Quant Time: Dec 12 10:59:55 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)

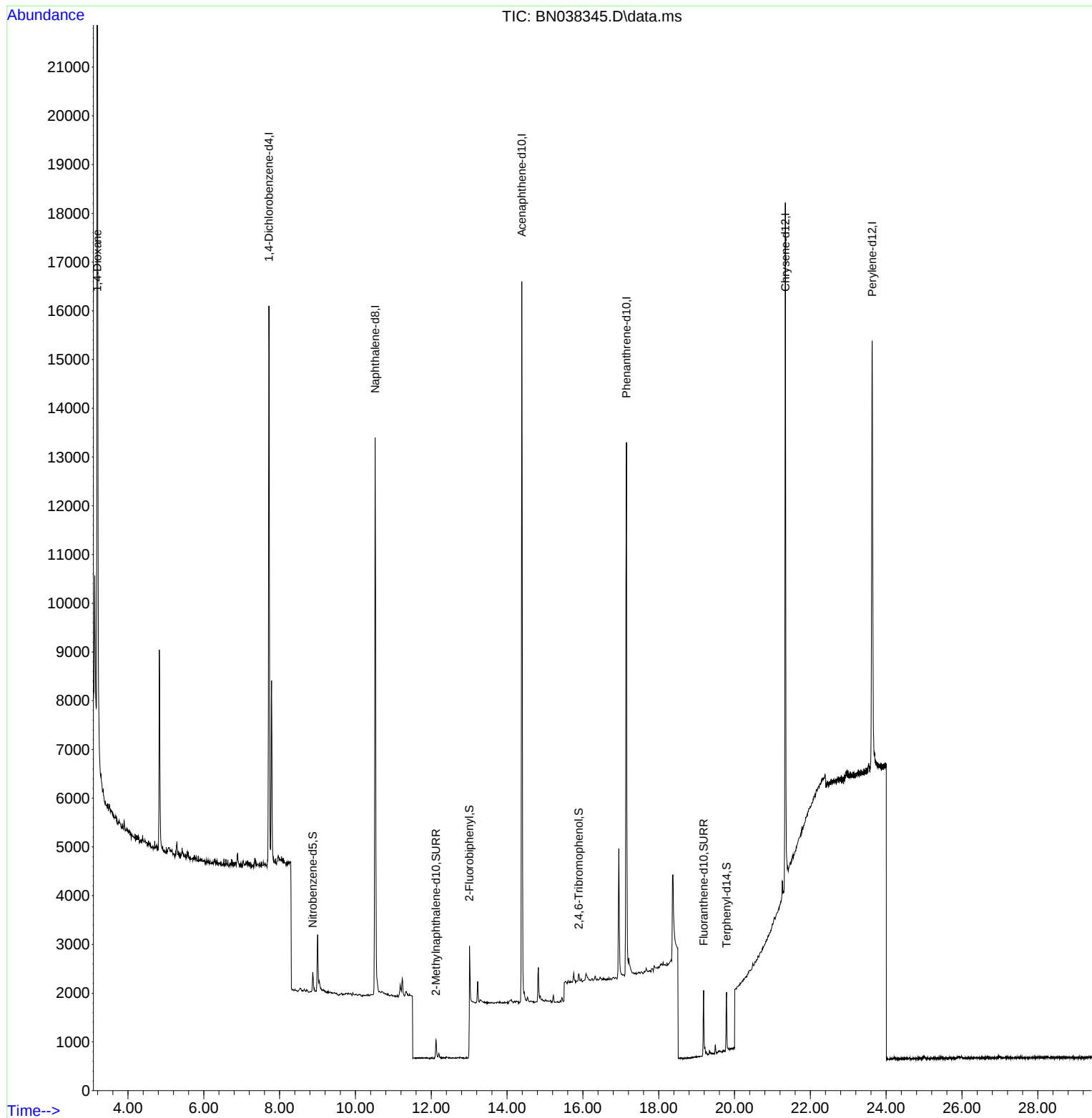
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	5910	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	15826	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	8475	0.400	ng	-0.01
19) Phenanthrene-d10	17.149	188	16300	0.400	ng	0.00
29) Chrysene-d12	21.340	240	12712	0.400	ng	0.00
35) Perylene-d12	23.630	264	12609	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	250	0.017	ng	0.00
5) Phenol-d6	6.887	99	174	0.010	ng	0.00
8) Nitrobenzene-d5	8.875	82	426	0.032	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	631	0.028	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	114	0.030	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	1223	0.030	ng	0.00
27) Fluoranthene-d10	19.183	212	1457	0.036	ng	0.00
31) Terphenyl-d14	19.787	244	1163	0.041	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.189	88	19876	2.933	ng	Qvalue 98

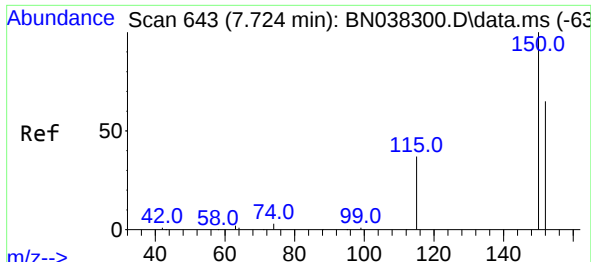
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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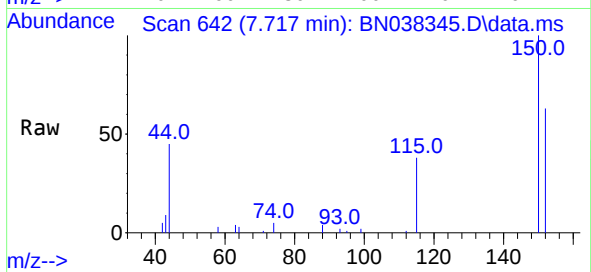
Quant Time: Dec 12 10:59:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
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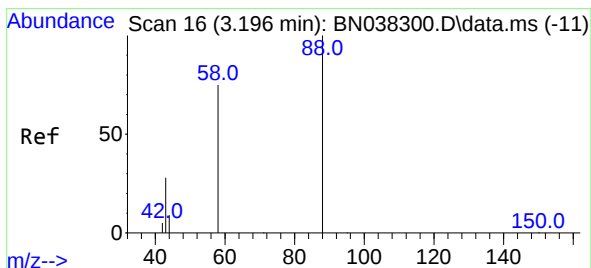
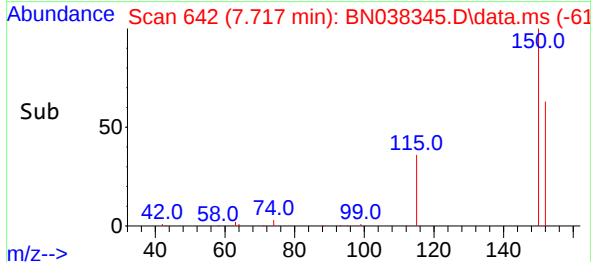
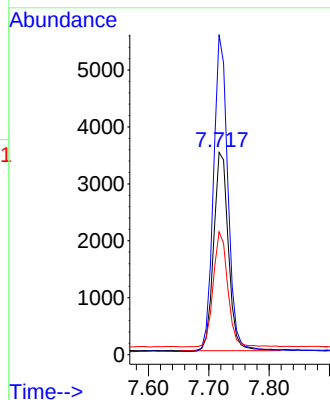


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038345.D
Acq: 12 Dec 2025 10:36

Instrument :
BNA_N
ClientSampleId :
OWBR-05-135-120525DL

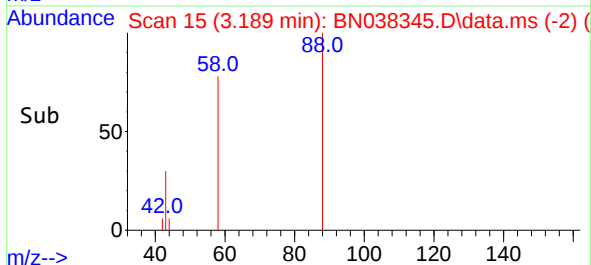
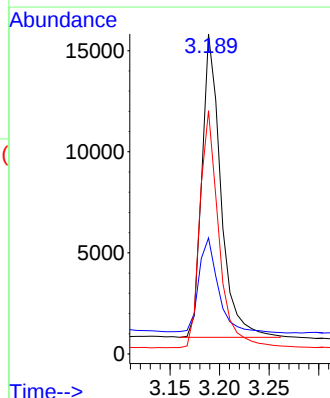
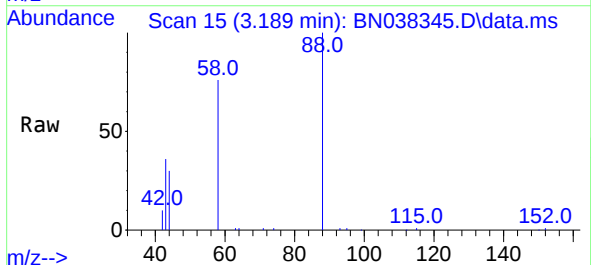


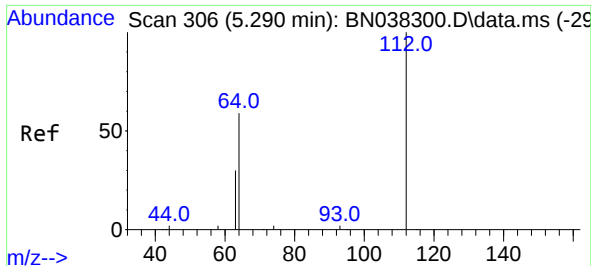
Tgt Ion:152 Resp: 5910
Ion Ratio Lower Upper
152 100
150 158.2 122.4 183.6
115 60.7 47.3 70.9



#2
1,4-Dioxane
Concen: 2.933 ng
RT: 3.189 min Scan# 15
Delta R.T. -0.007 min
Lab File: BN038345.D
Acq: 12 Dec 2025 10:36

Tgt Ion: 88 Resp: 19876
Ion Ratio Lower Upper
88 100
43 32.2 24.9 37.3
58 78.6 61.4 92.0

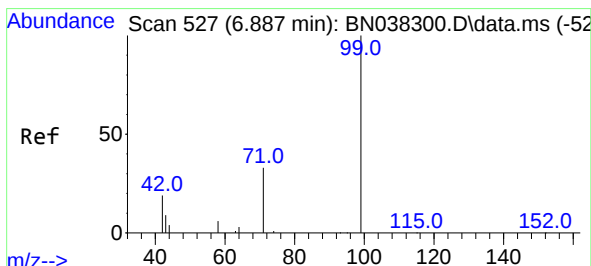
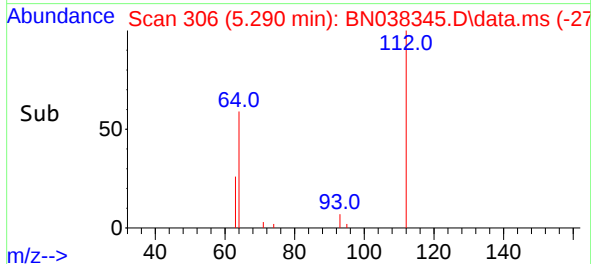
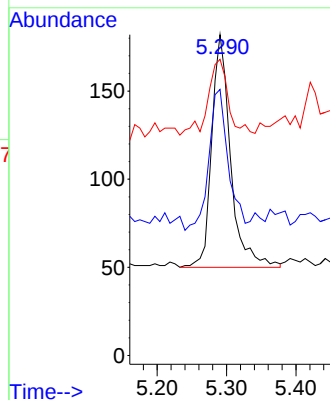
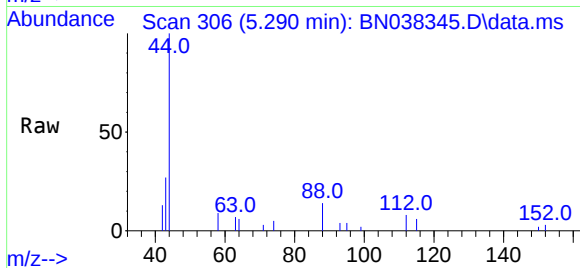




#4
2-Fluorophenol
Concen: 0.017 ng
RT: 5.290 min Scan# 306
Delta R.T. 0.000 min
Lab File: BN038345.D
Acq: 12 Dec 2025 10:36

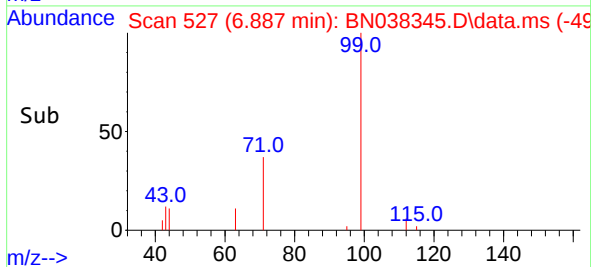
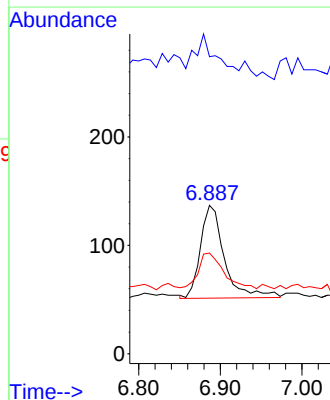
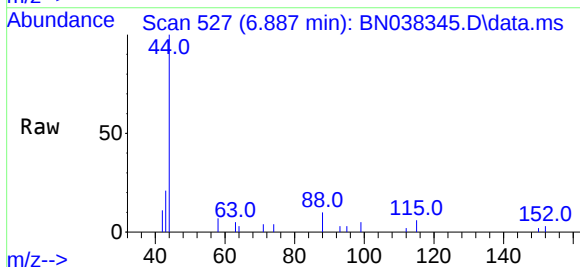
Instrument :
BNA_N
ClientSampleId :
OWBR-05-135-120525DL

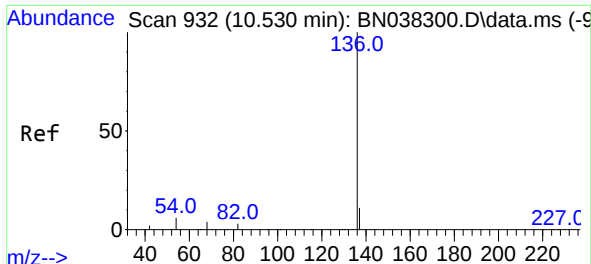
Tgt Ion:112 Resp: 250
Ion Ratio Lower Upper
112 100
64 62.8 44.4 66.6
63 35.2 23.4 35.0#



#5
Phenol-d6
Concen: 0.010 ng
RT: 6.887 min Scan# 527
Delta R.T. 0.000 min
Lab File: BN038345.D
Acq: 12 Dec 2025 10:36

Tgt Ion: 99 Resp: 174
Ion Ratio Lower Upper
99 100
42 28.2 16.5 24.7#
71 40.2 24.9 37.3#

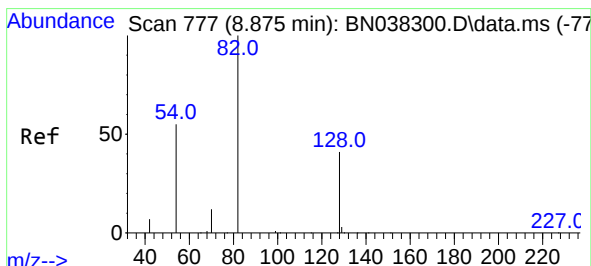
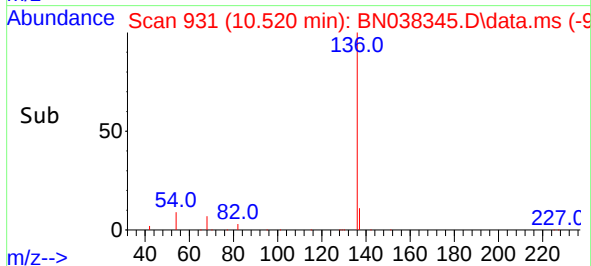
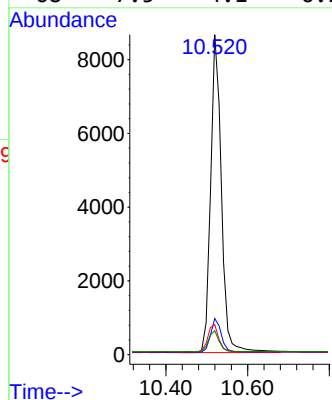
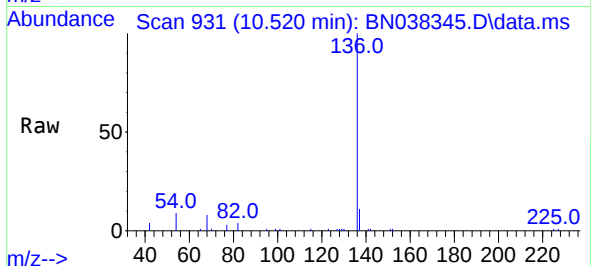




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN038345.D
Acq: 12 Dec 2025 10:36

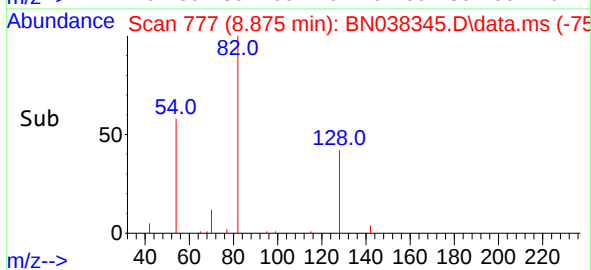
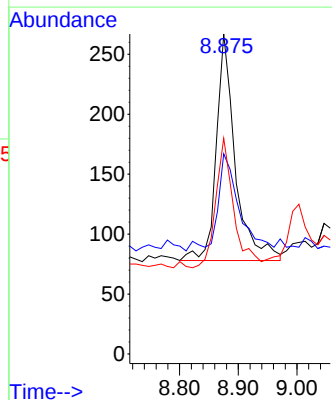
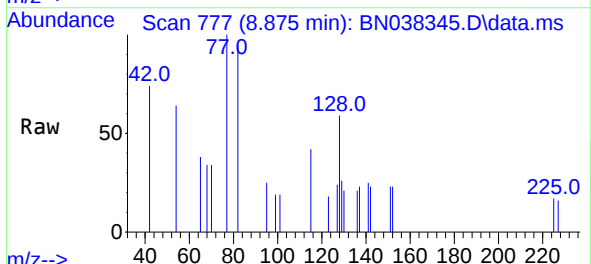
Instrument :
BNA_N
ClientSampleId :
OWBR-05-135-120525DL

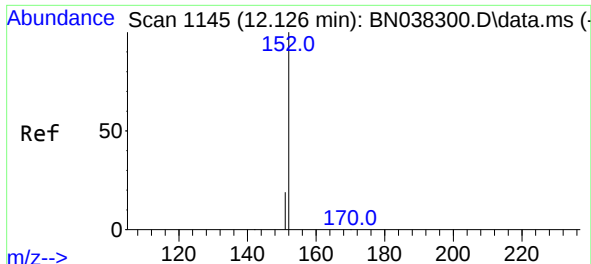
Tgt Ion:	136	Resp:	15826
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.4	5.2	7.8#
68	7.5	4.1	6.1#



#8
Nitrobenzene-d5
Concen: 0.032 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN038345.D
Acq: 12 Dec 2025 10:36

Tgt Ion:	82	Resp:	426
Ion	Ratio	Lower	Upper
82	100		
128	62.5	34.0	51.0#
54	67.4	44.4	66.6#

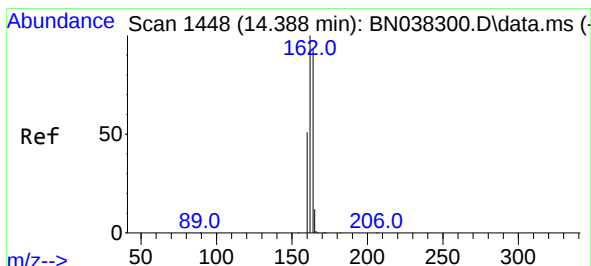
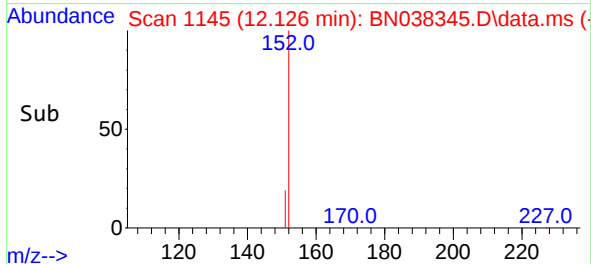
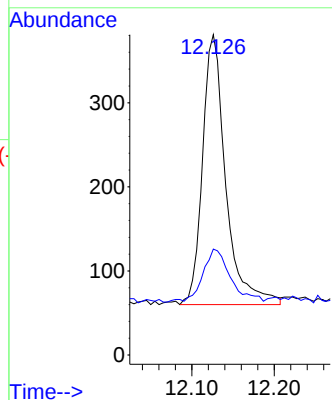
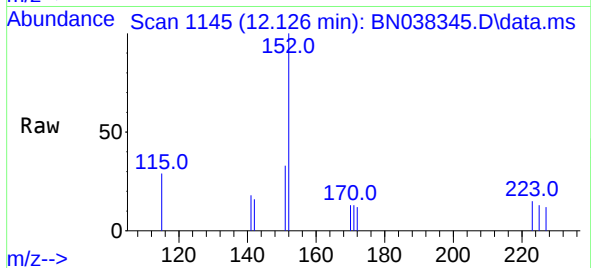




#11
2-Methylnaphthalene-d10
Concen: 0.028 ng
RT: 12.126 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BN038345.D
Acq: 12 Dec 2025 10:36

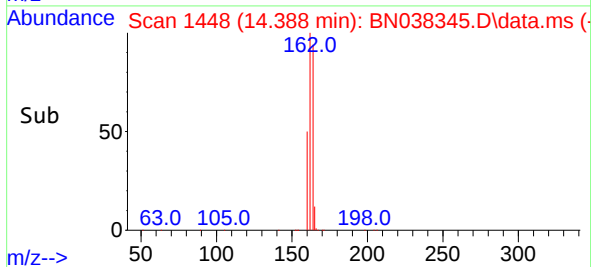
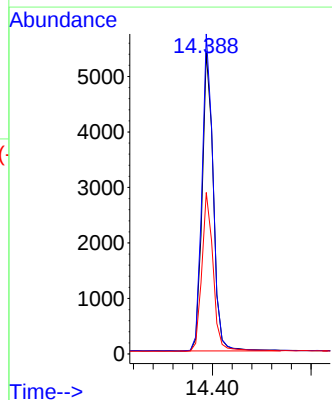
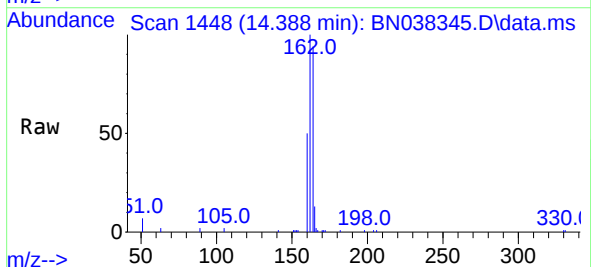
Instrument :
BNA_N
ClientSampleId :
OWBR-05-135-120525DL

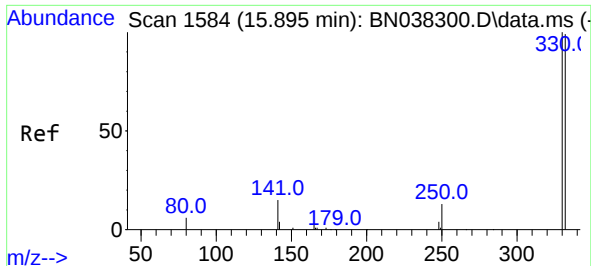
Tgt Ion:152 Resp: 631
Ion Ratio Lower Upper
152 100
151 23.1 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038345.D
Acq: 12 Dec 2025 10:36

Tgt Ion:164 Resp: 8475
Ion Ratio Lower Upper
164 100
162 106.1 86.2 129.4
160 53.6 44.6 67.0

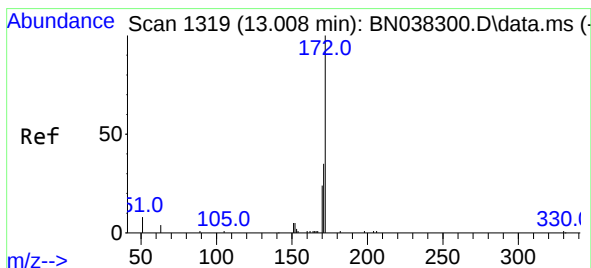
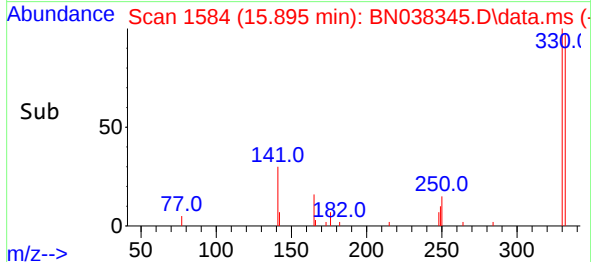
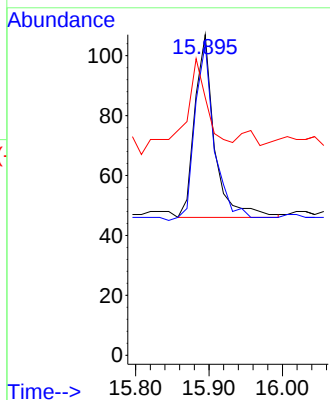
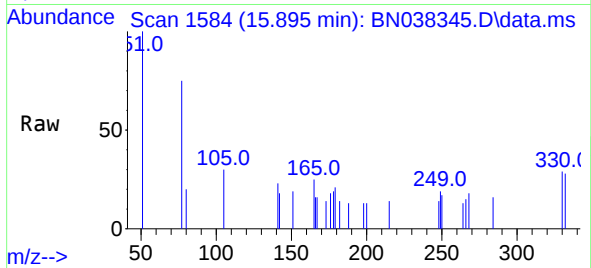




#14
2,4,6-Tribromophenol
Concen: 0.030 ng
RT: 15.895 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BN038345.D
Acq: 12 Dec 2025 10:36

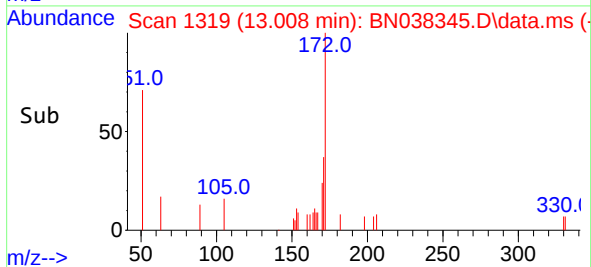
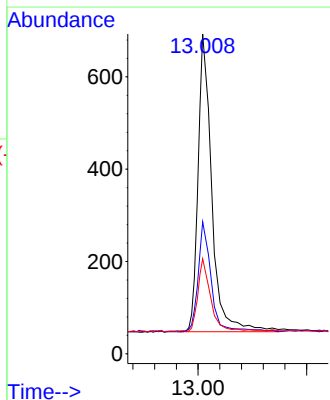
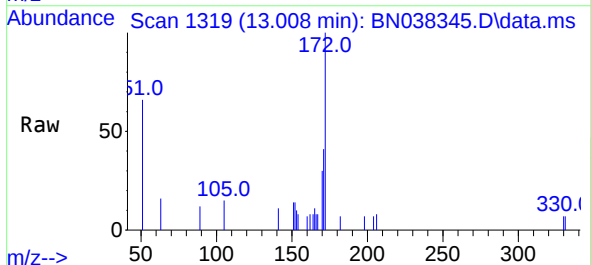
Instrument :
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OWBR-05-135-120525DL

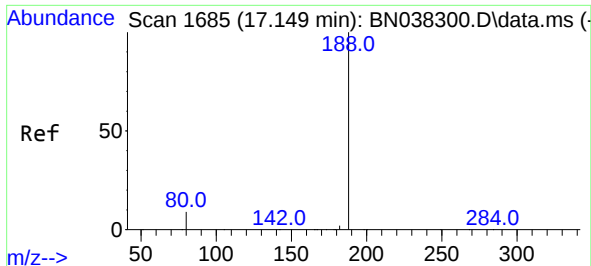
Tgt Ion:330 Resp: 114
Ion Ratio Lower Upper
330 100
332 96.5 75.8 113.6
141 65.8 31.8 47.8#



#15
2-Fluorobiphenyl
Concen: 0.030 ng
RT: 13.008 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BN038345.D
Acq: 12 Dec 2025 10:36

Tgt Ion:172 Resp: 1223
Ion Ratio Lower Upper
172 100
171 41.3 28.6 42.8
170 29.7 19.3 28.9#

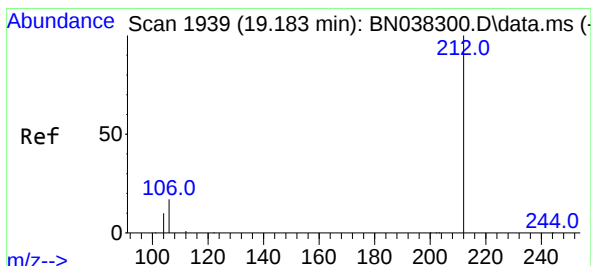
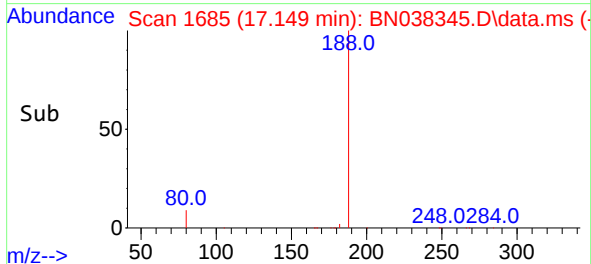
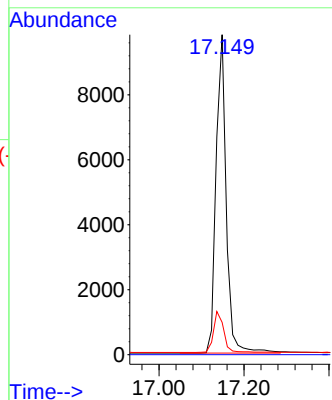
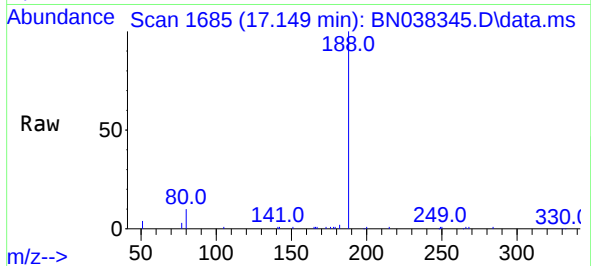




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.149 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BN038345.D
Acq: 12 Dec 2025 10:36

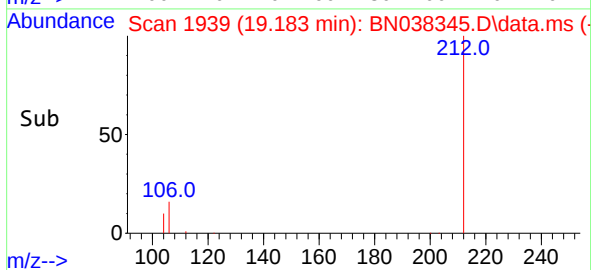
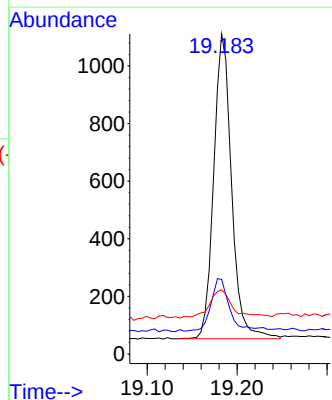
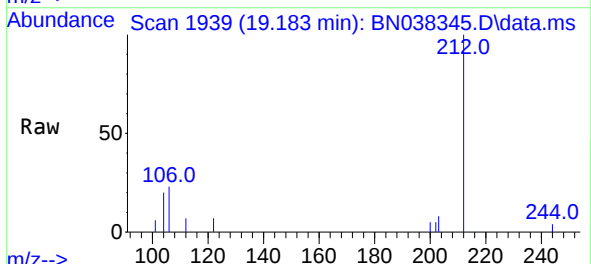
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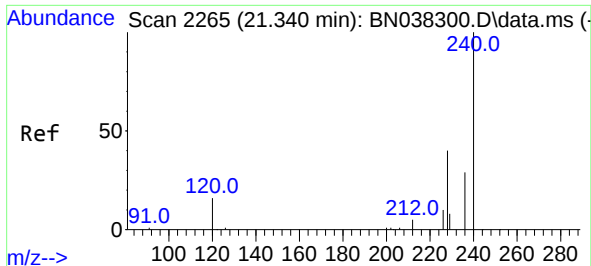
Tgt Ion:188 Resp: 16300
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 7.4 11.0



#27
Fluoranthene-d10
Concen: 0.036 ng
RT: 19.183 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BN038345.D
Acq: 12 Dec 2025 10:36

Tgt Ion:212 Resp: 1457
Ion Ratio Lower Upper
212 100
106 17.0 13.7 20.5
104 12.4 7.8 11.8

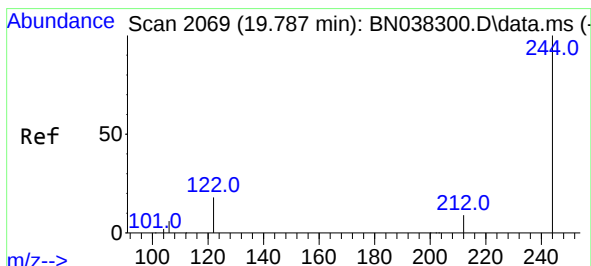
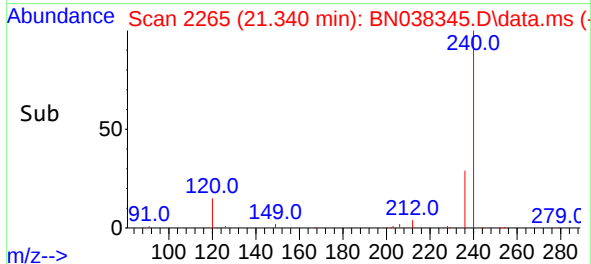
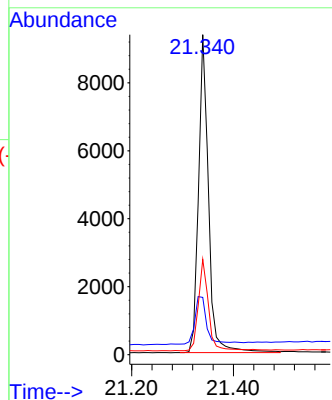
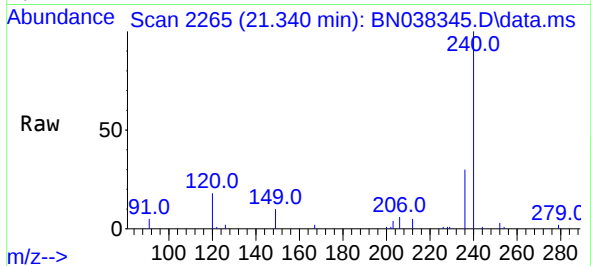




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN038345.D
Acq: 12 Dec 2025 10:36

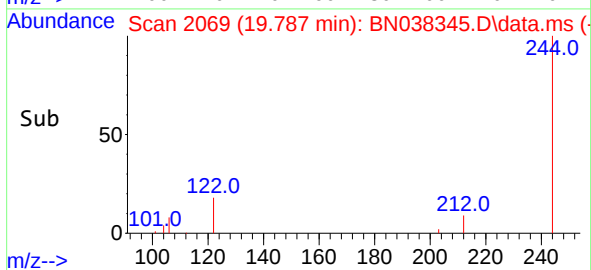
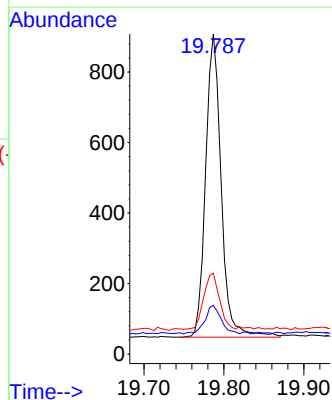
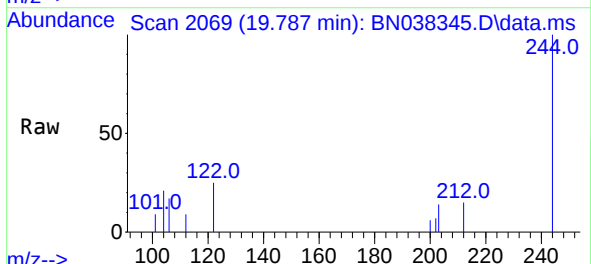
Instrument :
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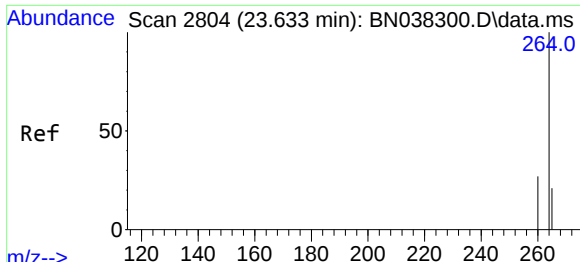
Tgt Ion:240 Resp: 12712
Ion Ratio Lower Upper
240 100
120 17.9 15.4 23.2
236 29.8 23.9 35.9



#31
Terphenyl-d14
Concen: 0.041 ng
RT: 19.787 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BN038345.D
Acq: 12 Dec 2025 10:36

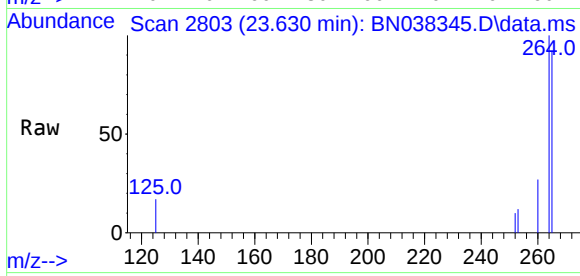
Tgt Ion:244 Resp: 1163
Ion Ratio Lower Upper
244 100
212 15.2 7.9 11.9#
122 25.3 15.0 22.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.630 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN038345.D
Acq: 12 Dec 2025 10:36

Instrument :
BNA_N
ClientSampleId :
OWBR-05-135-120525DL



Tgt Ion:264 Resp: 12609

Ion	Ratio	Lower	Upper
264	100		
260	27.4	22.2	33.2
265	91.8	80.2	120.2

