

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)

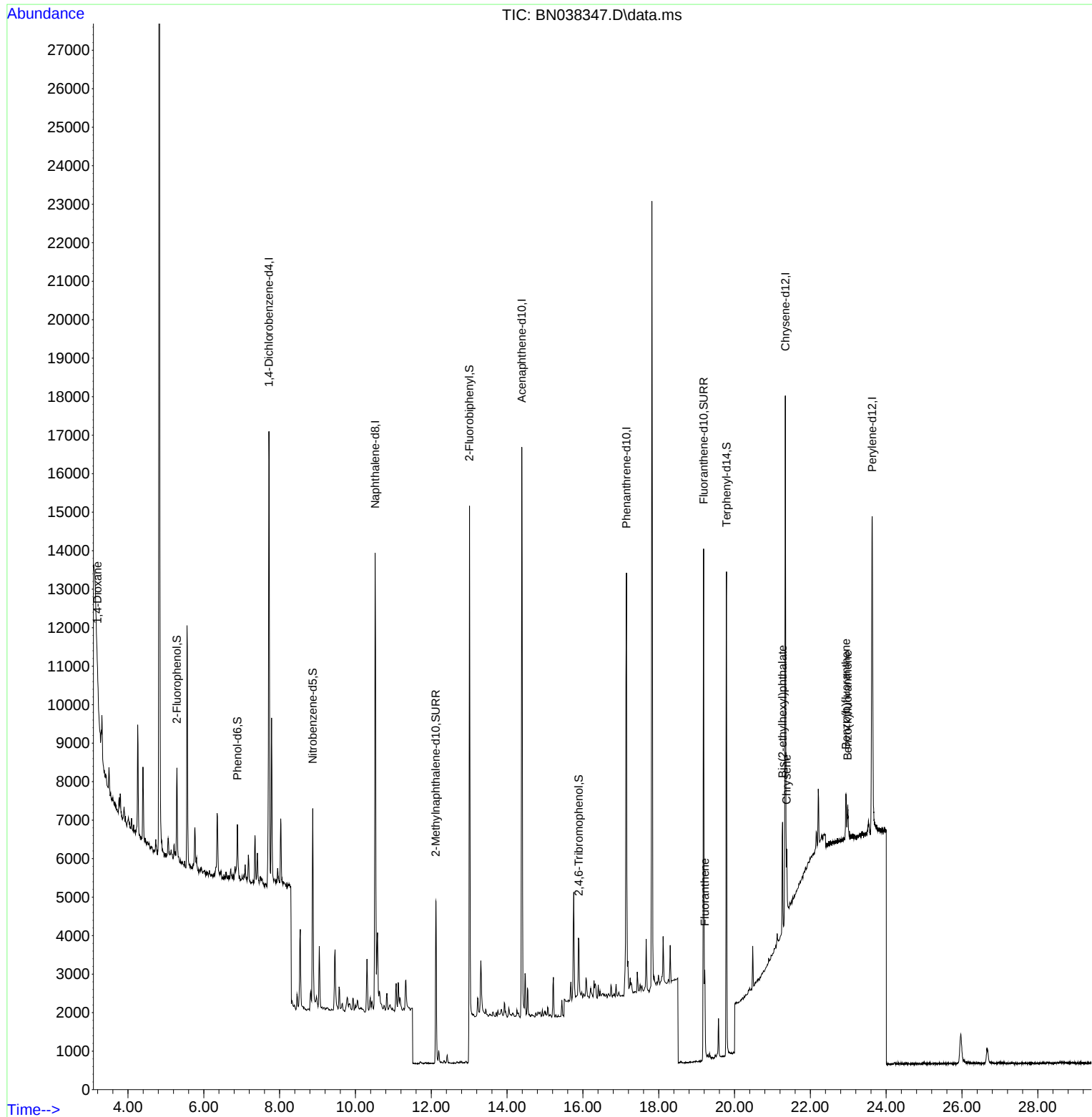
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	6003	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	15645	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	8460	0.400	ng	-0.01
19) Phenanthrene-d10	17.149	188	16049	0.400	ng	0.00
29) Chrysene-d12	21.340	240	12341	0.400	ng	0.00
35) Perylene-d12	23.630	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
2) 1,4-Dioxane	3.196	88	172	0.025	ng	# 1
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
37) Benzo(b)fluoranthene	22.940	252	1551	0.028	ng	# 4
38) Benzo(k)fluoranthene	22.987	252	1183	0.021	ng	# 1

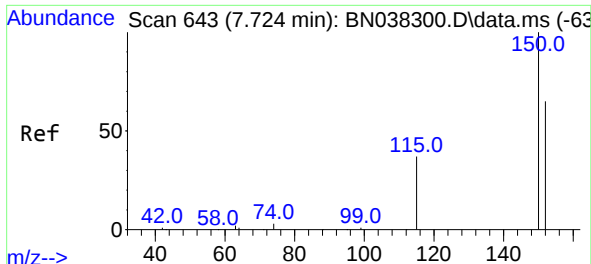
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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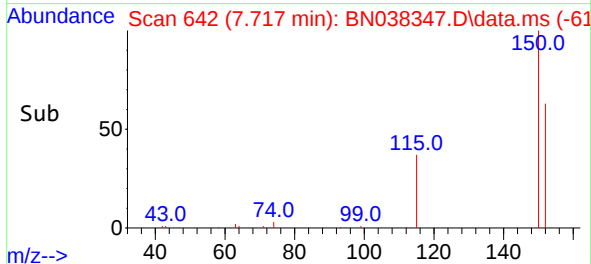
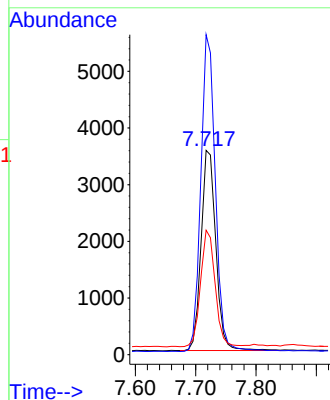
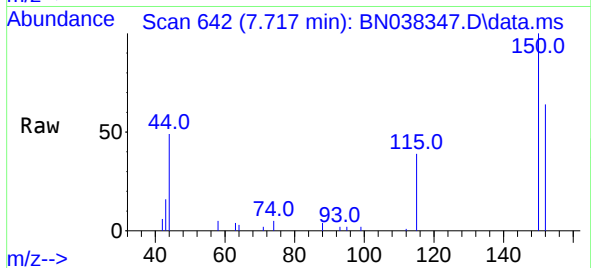




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

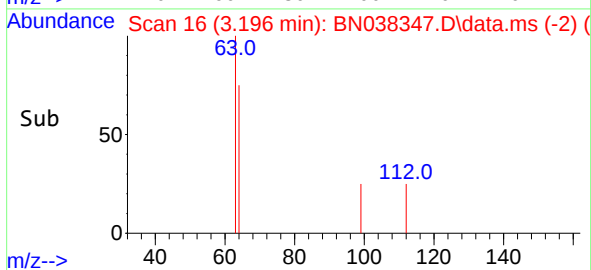
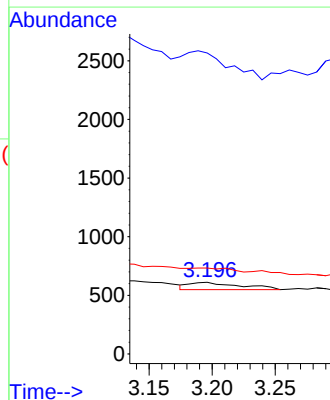
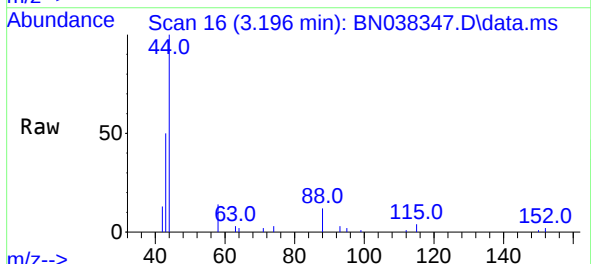
Instrument :
BNA_N
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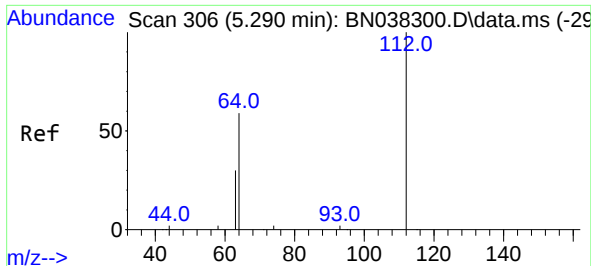
Tgt Ion:152 Resp: 6003
Ion Ratio Lower Upper
152 100
150 156.6 122.4 183.6
115 60.9 47.3 70.9



#2
1,4-Dioxane
Concen: 0.025 ng
RT: 3.196 min Scan# 16
Delta R.T. 0.000 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

Tgt Ion: 88 Resp: 172
Ion Ratio Lower Upper
88 100
43 317.4 24.9 37.3#
58 0.0 61.4 92.0#

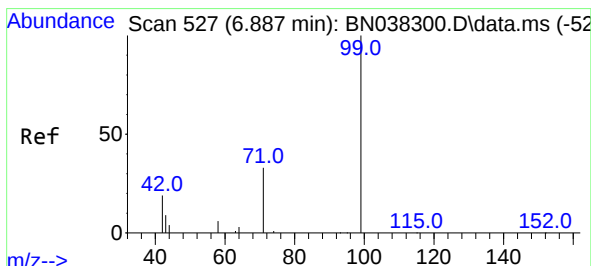
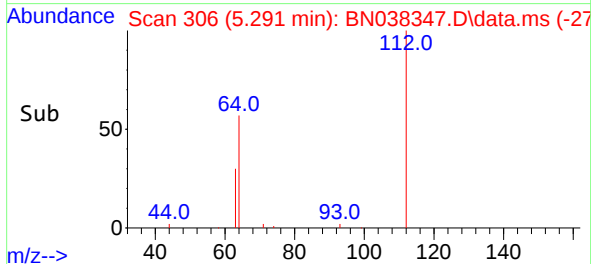
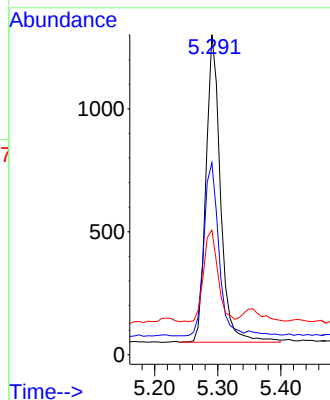
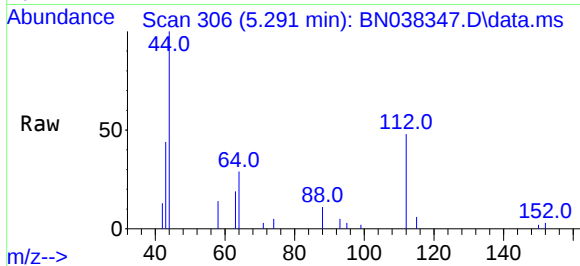




#4
2-Fluorophenol
Concen: 0.134 ng
RT: 5.291 min Scan# 306
Delta R.T. 0.000 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

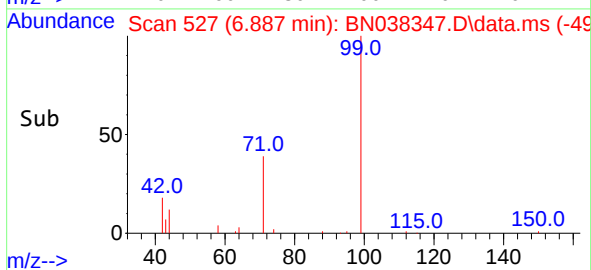
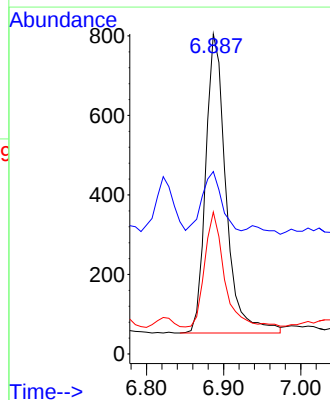
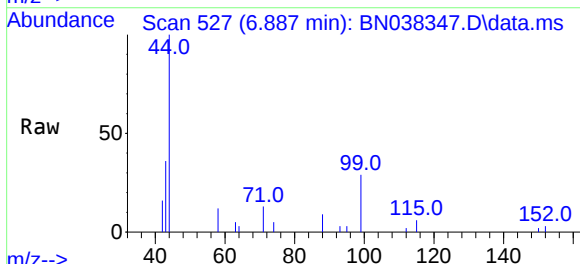
Instrument :
BNA_N
ClientSampleId :
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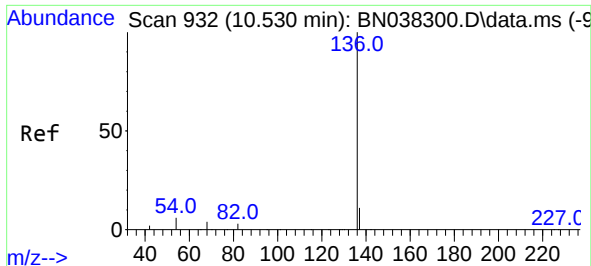
Tgt Ion:	112	Resp:	1999
Ion	Ratio	Lower	Upper
112	100		
64	57.2	44.4	66.6
63	29.4	23.4	35.0



#5
Phenol-d6
Concen: 0.077 ng
RT: 6.887 min Scan# 527
Delta R.T. 0.000 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

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

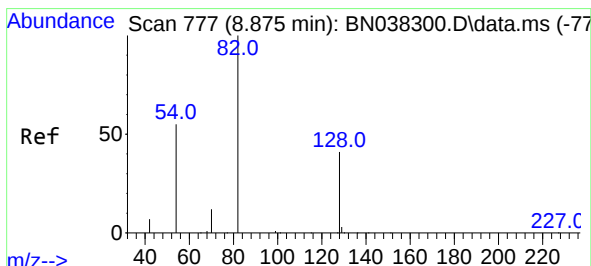
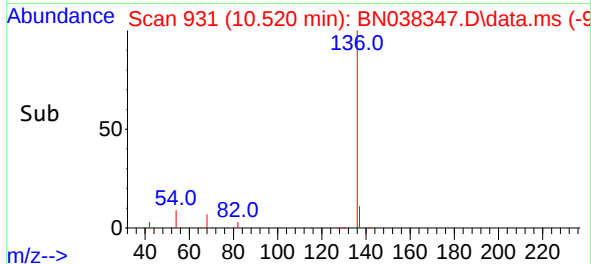
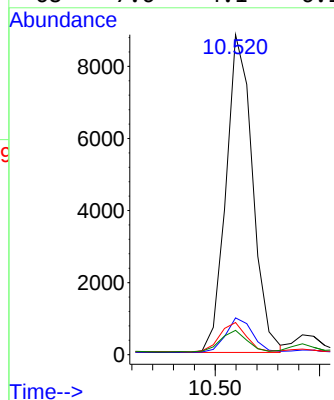
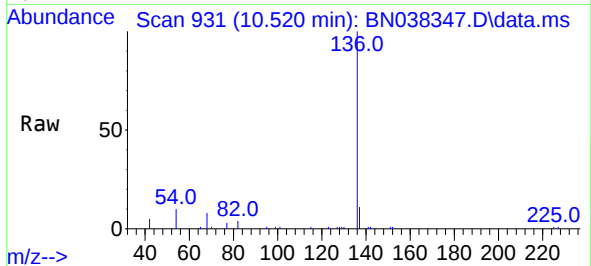




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

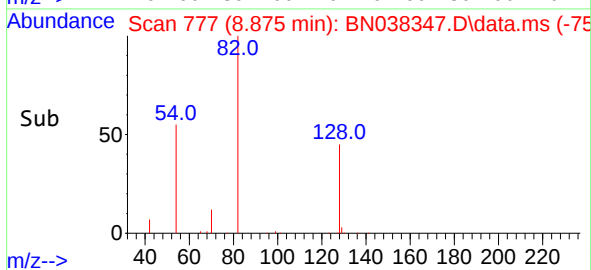
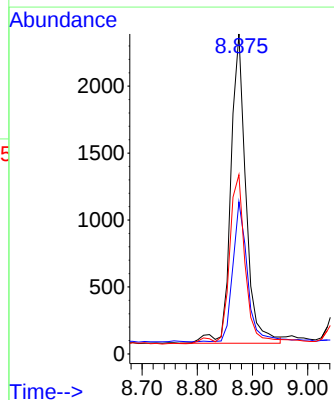
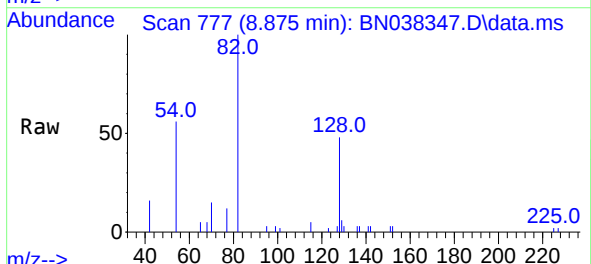
Instrument :
BNA_N
ClientSampleId :
EB01-120825

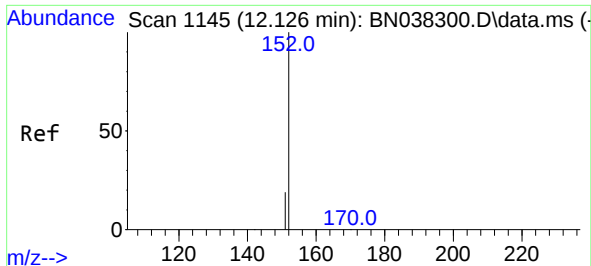
Tgt Ion:	136	Resp:	15645
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.1	13.7
54	10.0	5.2	7.8#
68	7.6	4.1	6.1#



#8
Nitrobenzene-d5
Concen: 0.332 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

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

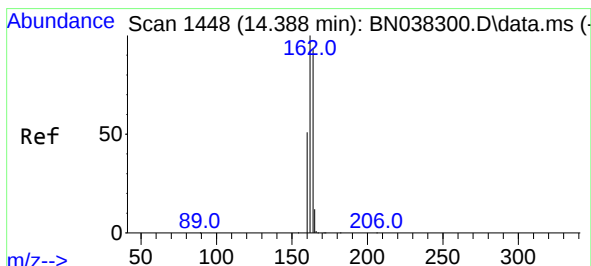
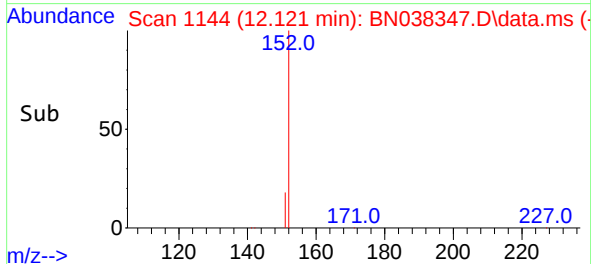
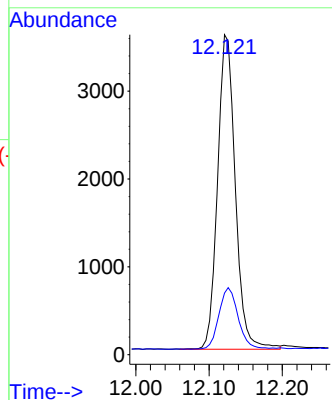
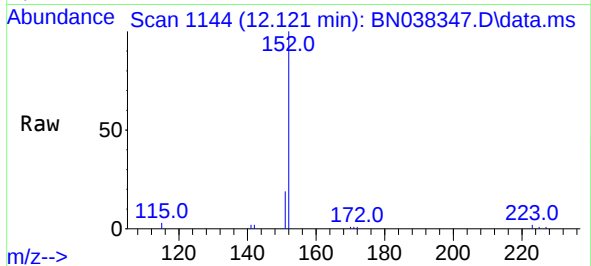




#11
2-Methylnaphthalene-d10
Concen: 0.273 ng
RT: 12.121 min Scan# 1145
Delta R.T. -0.005 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

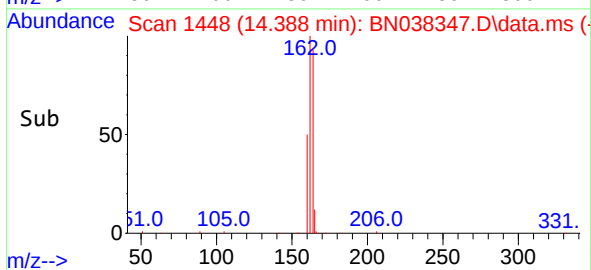
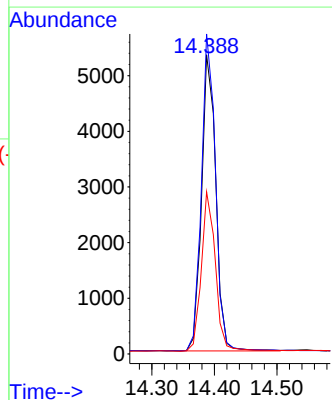
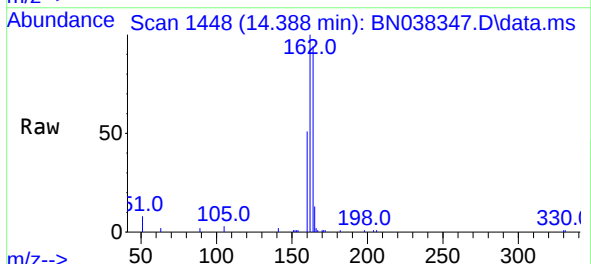
Instrument :
BNA_N
ClientSampleId :
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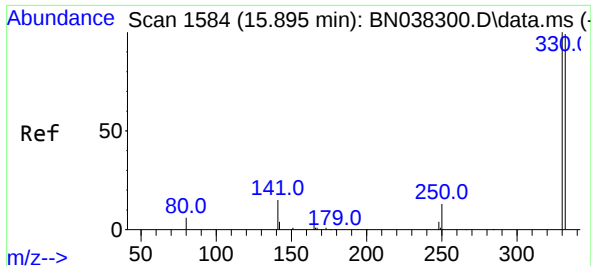
Tgt Ion:152 Resp: 6027
Ion Ratio Lower Upper
152 100
151 21.5 17.0 25.6



#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

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

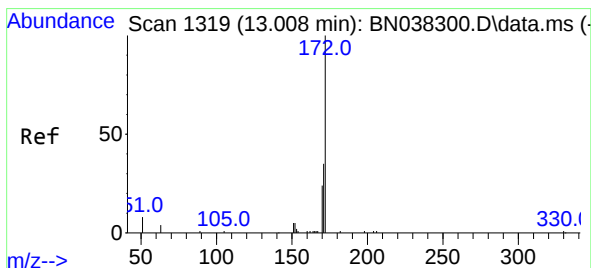
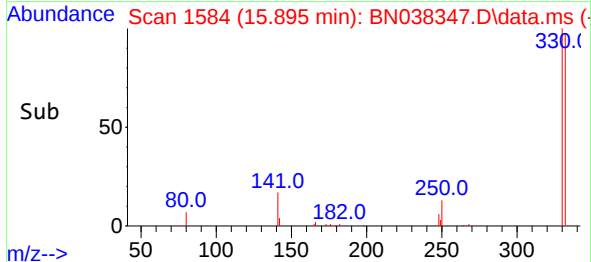
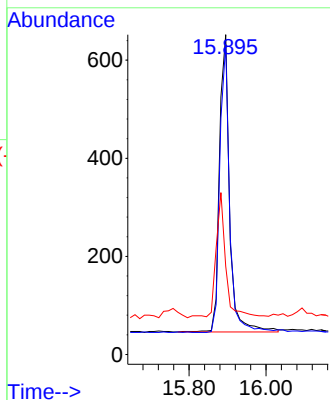
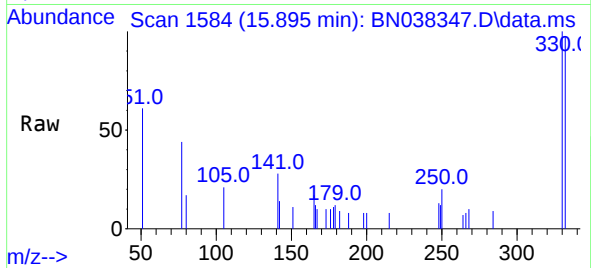




#14
2,4,6-Tribromophenol
Concen: 0.296 ng
RT: 15.895 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

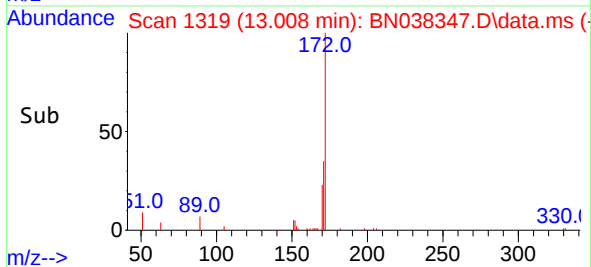
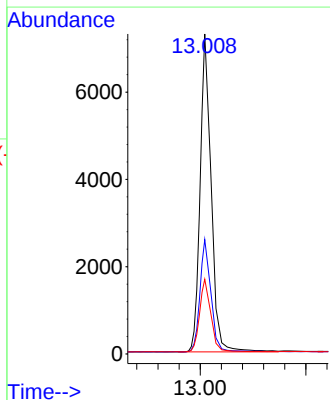
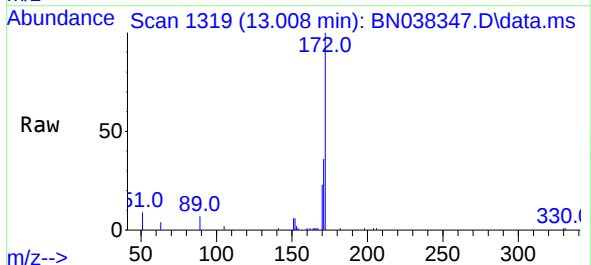
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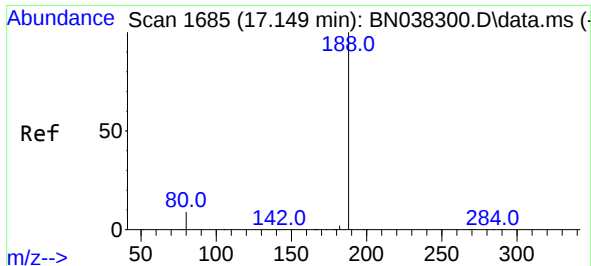
Tgt Ion:330 Resp: 1110
Ion Ratio Lower Upper
330 100
332 93.9 75.8 113.6
141 40.9 31.8 47.8



#15
2-Fluorobiphenyl
Concen: 0.291 ng
RT: 13.008 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

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

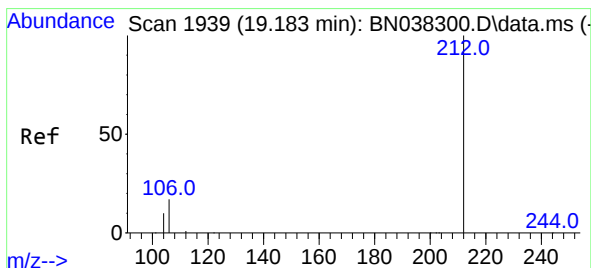
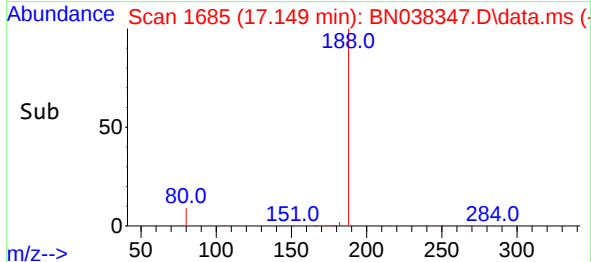
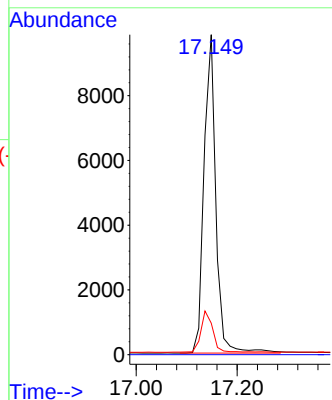
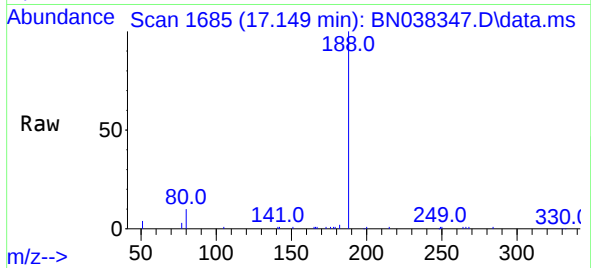




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.149 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

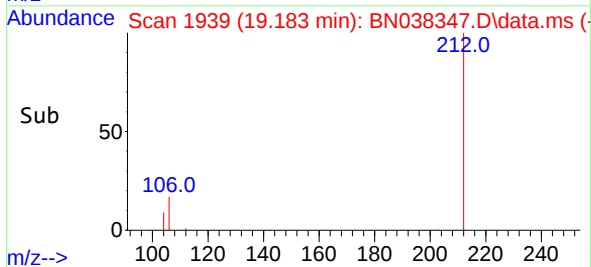
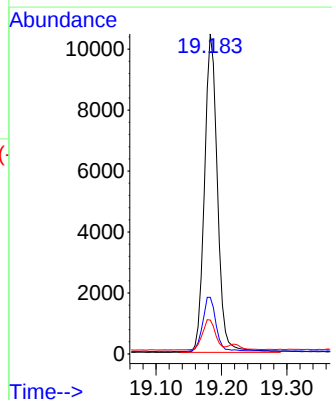
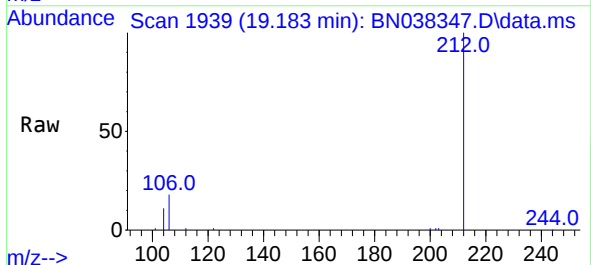
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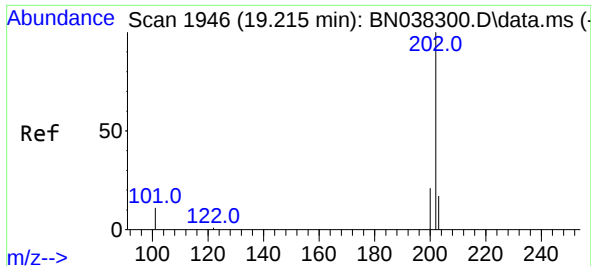
Tgt Ion:	188	Resp:	16049
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.8	7.4	11.0



#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

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

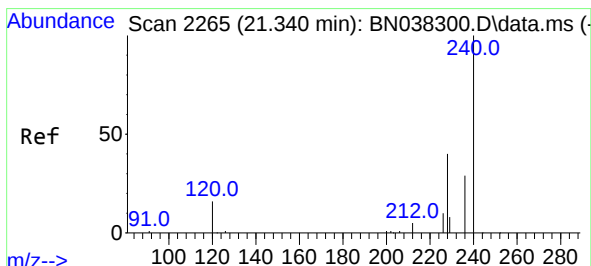
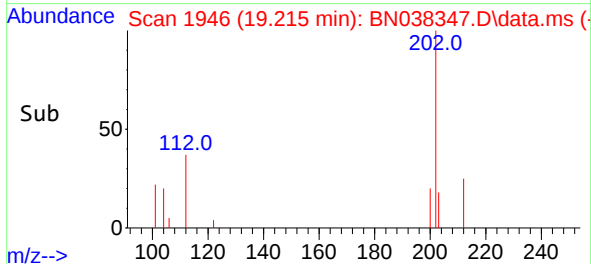
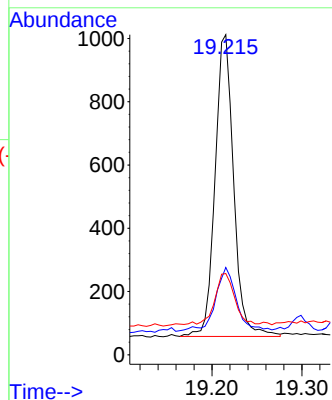
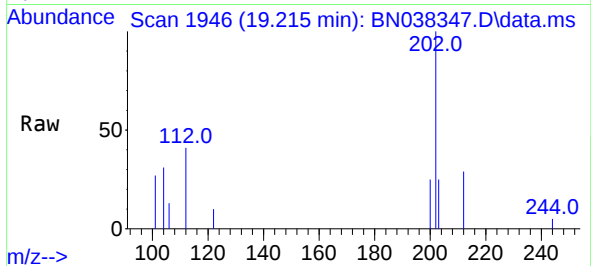




#28
Fluoranthene
Concen: 0.023 ng
RT: 19.215 min Scan# 1946
Delta R.T. -0.005 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

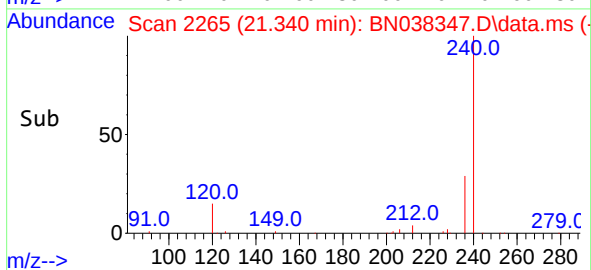
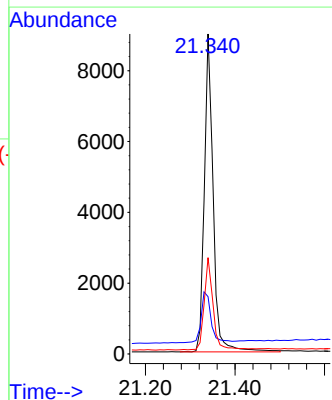
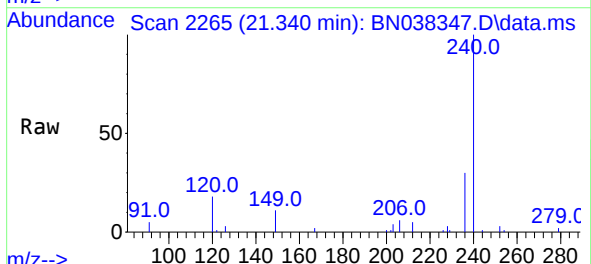
Instrument :
BNA_N
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EB01-120825

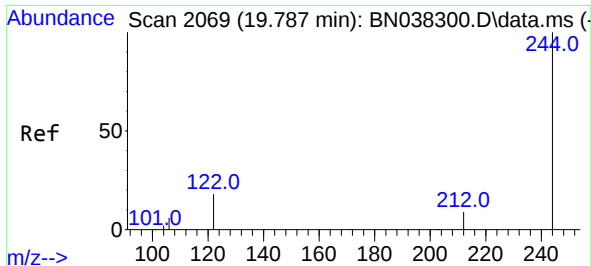
Tgt Ion:202 Resp: 1366
Ion Ratio Lower Upper
202 100
101 26.2 9.6 14.4#
203 19.9 13.5 20.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

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

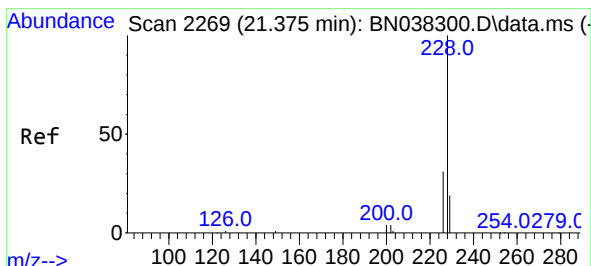
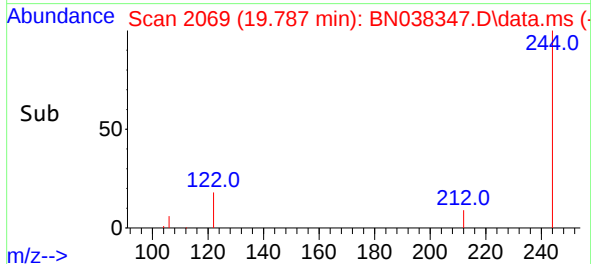
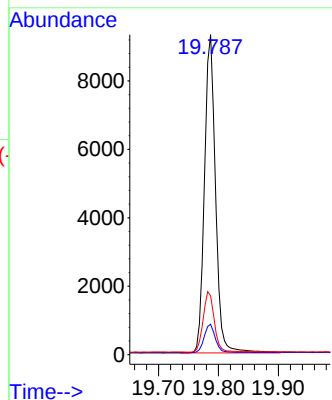
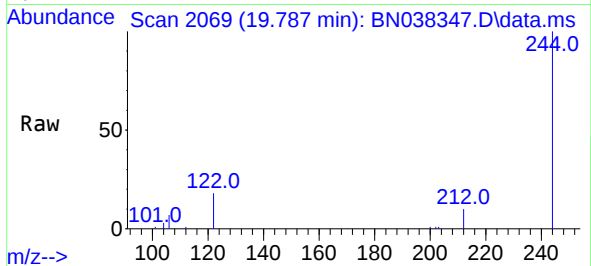




#31
 Terphenyl-d14
 Concen: 0.432 ng
 RT: 19.787 min Scan# 2069
 Delta R.T. -0.005 min
 Lab File: BN038347.D
 Acq: 12 Dec 2025 11:49

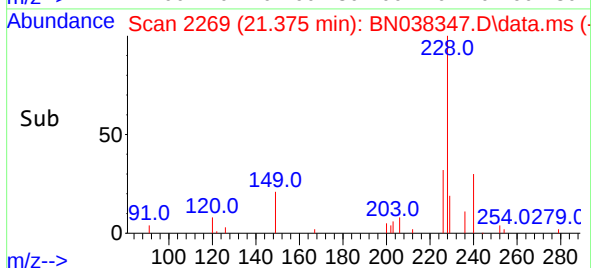
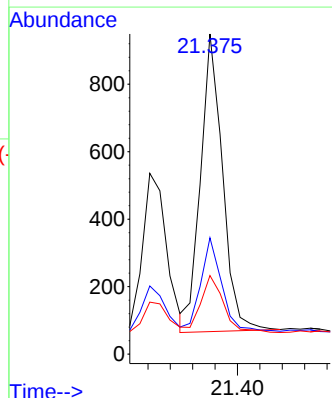
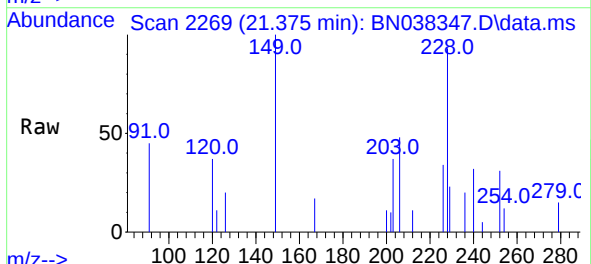
Instrument :
 BNA_N
 ClientSampleId :
 EB01-120825

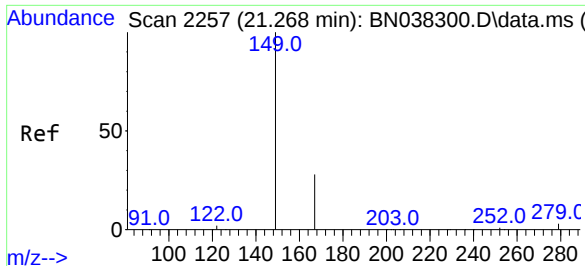
Tgt Ion:244 Resp: 11910
 Ion Ratio Lower Upper
 244 100
 212 9.5 7.9 11.9
 122 18.4 15.0 22.6



#33
 Chrysene
 Concen: 0.023 ng
 RT: 21.375 min Scan# 2269
 Delta R.T. 0.000 min
 Lab File: BN038347.D
 Acq: 12 Dec 2025 11:49

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#

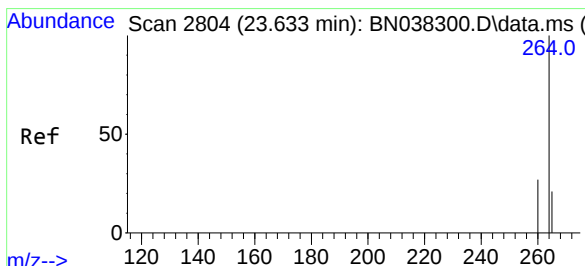
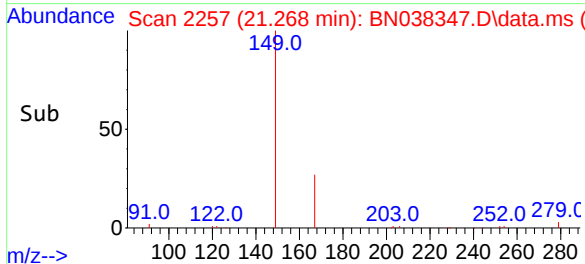
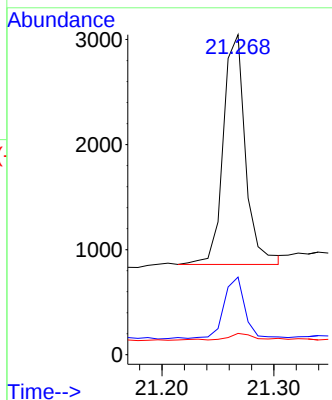
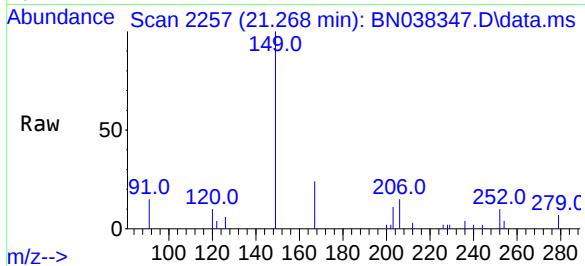




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.116 ng
RT: 21.268 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

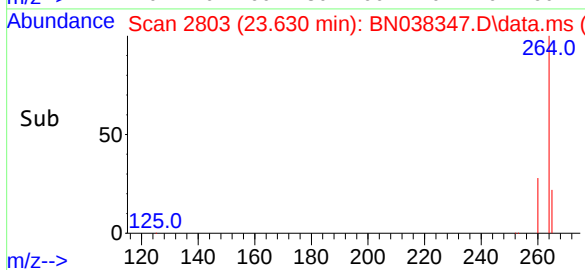
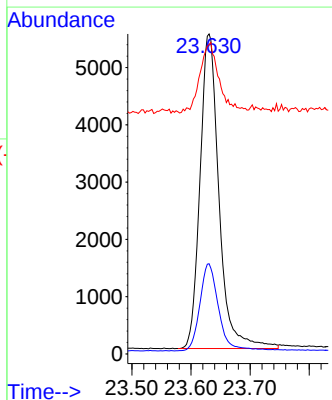
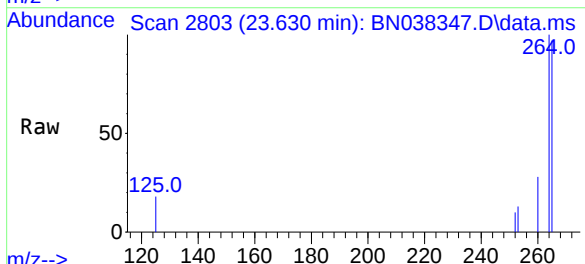
Instrument :
BNA_N
ClientSampleId :
EB01-120825

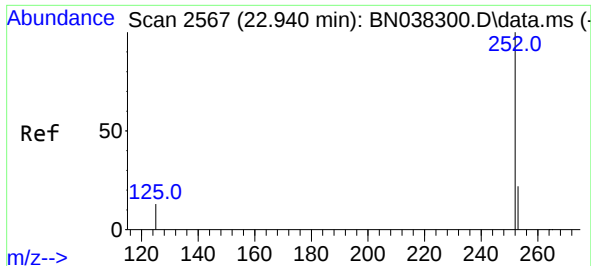
Tgt Ion:149 Resp: 3031
Ion Ratio Lower Upper
149 100
167 25.0 21.4 32.0
279 3.0 2.4 3.6



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.630 min Scan# 2803
Delta R.T. -0.003 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

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

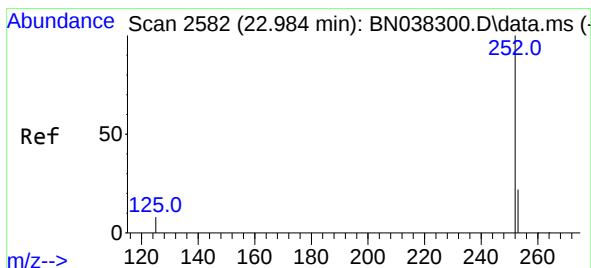
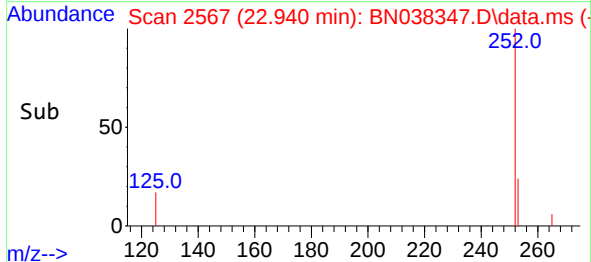
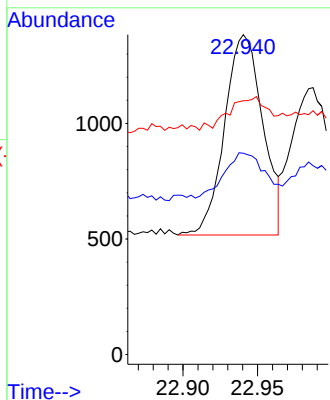
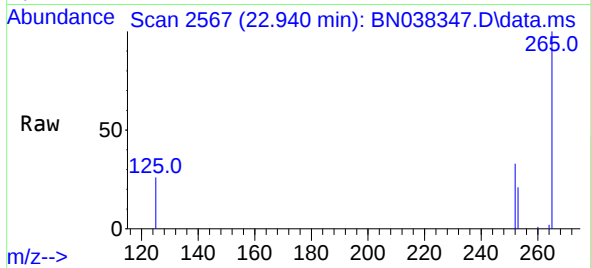




#37
Benzo(b)fluoranthene
Concen: 0.028 ng
RT: 22.940 min Scan# 2567
Delta R.T. -0.006 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

Instrument :
BNA_N
ClientSampleId :
EB01-120825

Tgt Ion:252 Resp: 1551
Ion Ratio Lower Upper
252 100
253 62.9 21.1 31.7#
125 79.3 16.4 24.6#



#38
Benzo(k)fluoranthene
Concen: 0.021 ng
RT: 22.987 min Scan# 2583
Delta R.T. -0.003 min
Lab File: BN038347.D
Acq: 12 Dec 2025 11:49

Tgt Ion:252 Resp: 1183
Ion Ratio Lower Upper
252 100
253 70.7 21.4 32.0#
125 91.3 16.2 24.2#

