

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121525\
 Data File : BN038430.D
 Acq On : 16 Dec 2025 07:44
 Operator : RC/JU
 Sample : Q3840-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BPS1-FW-MW01I-20251208

Quant Time: Dec 16 09:43:45 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)

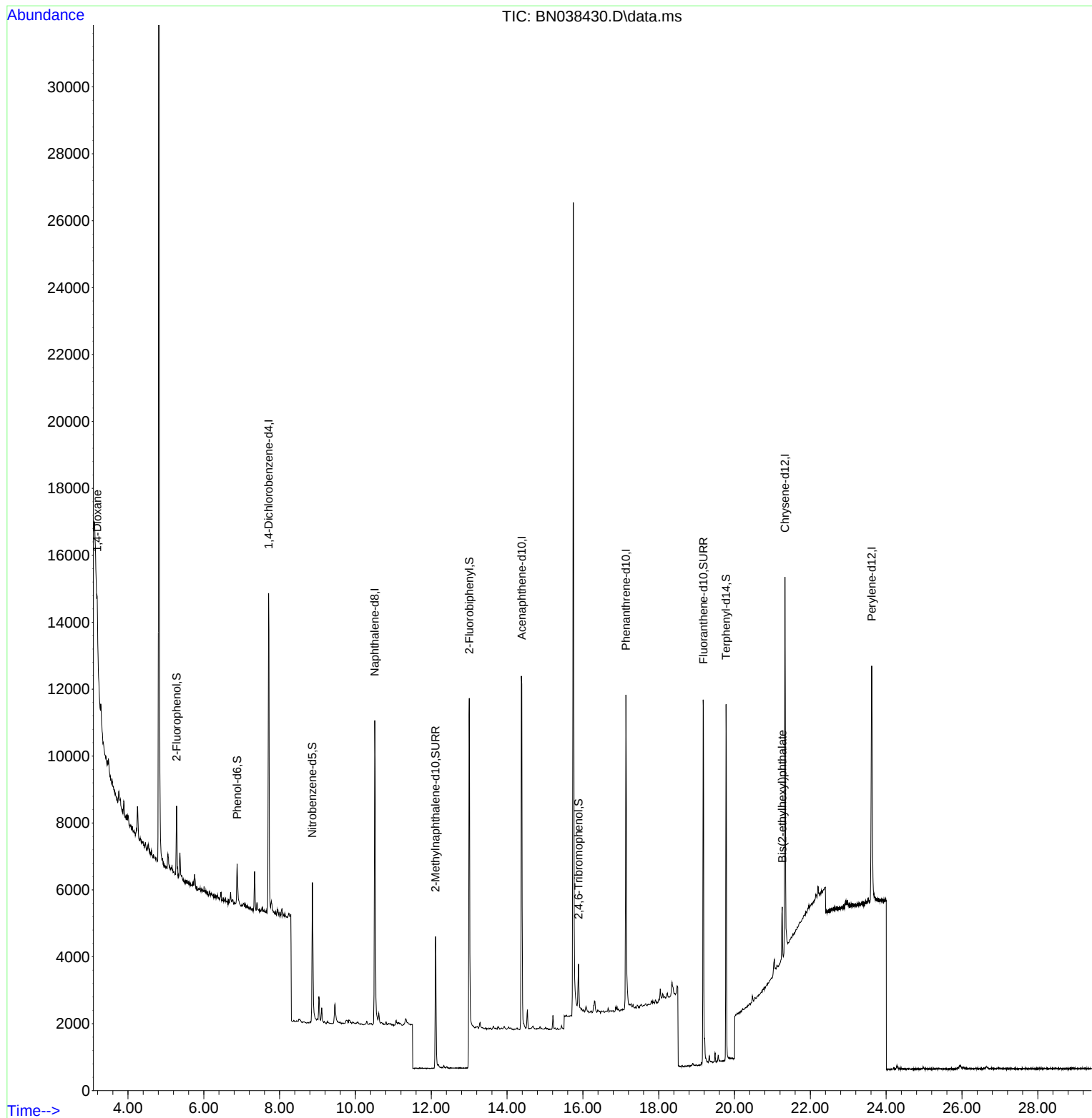
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	4951	0.400	ng	-0.01
7) Naphthalene-d8	10.509	136	13156	0.400	ng	#-0.02
13) Acenaphthene-d10	14.388	164	6929	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	13168	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	10312	0.400	ng	0.00
35) Perylene-d12	23.619	264	10404	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	1735	0.141	ng	0.00
5) Phenol-d6	6.879	99	1222	0.083	ng	0.00
8) Nitrobenzene-d5	8.865	82	3741	0.337	ng	-0.01
11) 2-Methylnaphthalene-d10	12.116	152	5794	0.312	ng	-0.01
14) 2,4,6-Tribromophenol	15.882	330	836	0.272	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	13791	0.413	ng	0.00
27) Fluoranthene-d10	19.178	212	12101	0.372	ng	0.00
31) Terphenyl-d14	19.777	244	9896	0.430	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.189	88	721	0.127	ng	# 64
34) Bis(2-ethylhexyl)phtha...	21.259	149	1820	0.083	ng	# 96

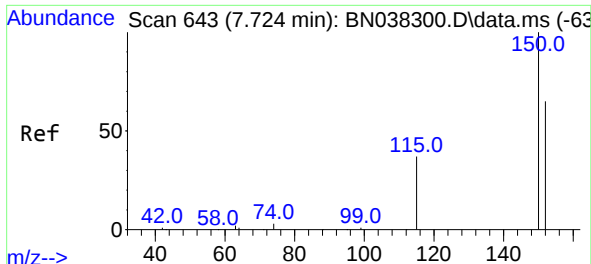
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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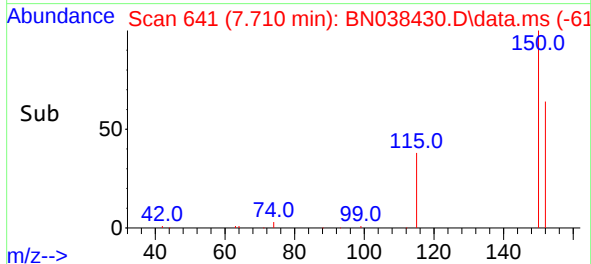
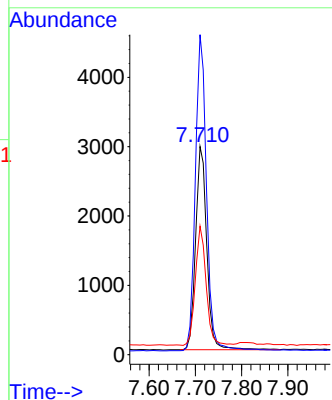
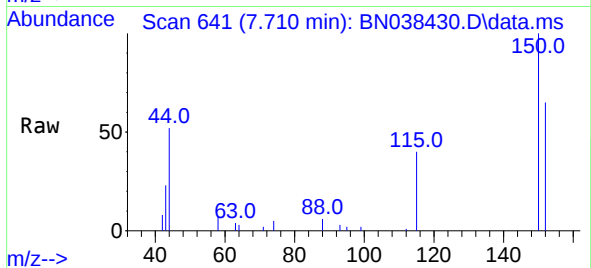




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 64
Delta R.T. -0.014 min
Lab File: BN038430.D
Acq: 16 Dec 2025 07:44

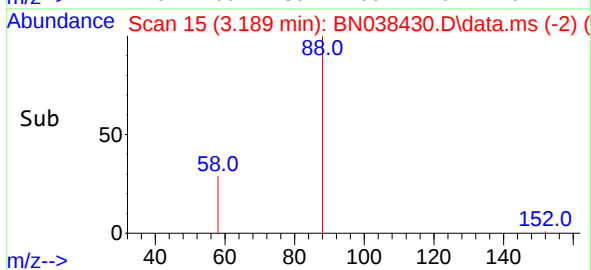
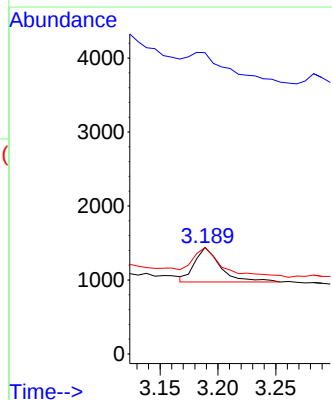
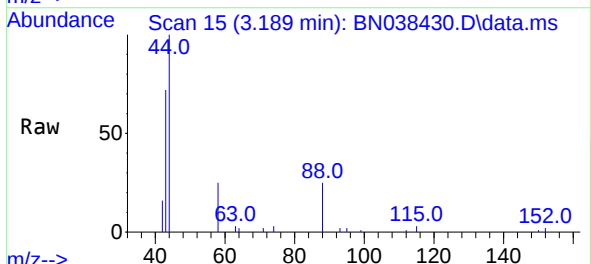
Instrument :
BNA_N
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BPS1-FW-MW01I-20251208

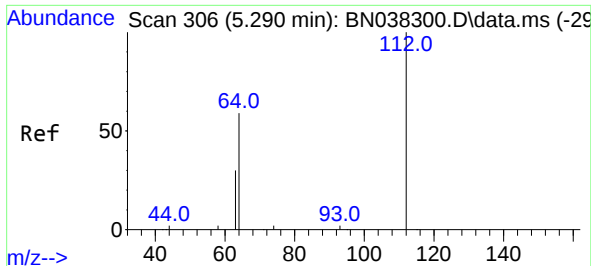
Tgt Ion:152 Resp: 4951
Ion Ratio Lower Upper
152 100
150 153.7 122.4 183.6
115 61.7 47.3 70.9



#2
1,4-Dioxane
Concen: 0.127 ng
RT: 3.189 min Scan# 15
Delta R.T. -0.007 min
Lab File: BN038430.D
Acq: 16 Dec 2025 07:44

Tgt Ion: 88 Resp: 721
Ion Ratio Lower Upper
88 100
43 0.0 24.9 37.3#
58 100.3 61.4 92.0#

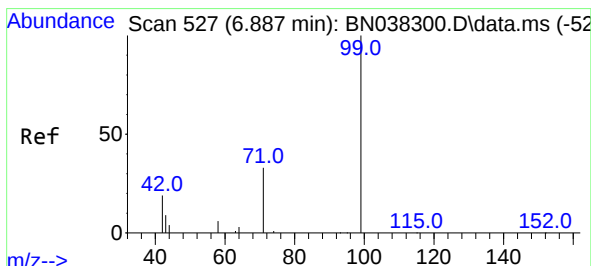
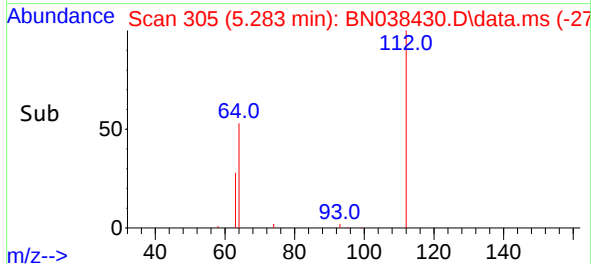
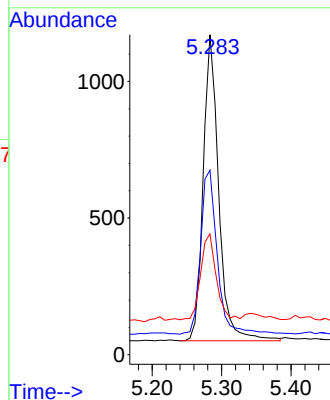
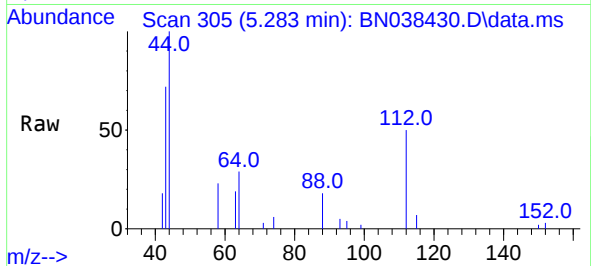




#4
2-Fluorophenol
Concen: 0.141 ng
RT: 5.283 min Scan# 306
Delta R.T. -0.007 min
Lab File: BN038430.D
Acq: 16 Dec 2025 07:44

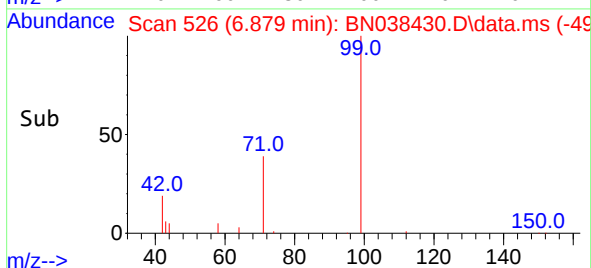
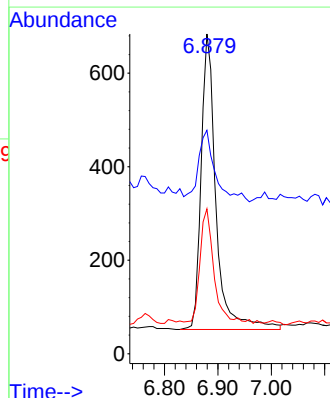
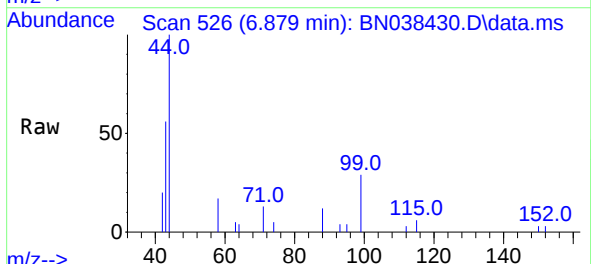
Instrument :
BNA_N
ClientSampleId :
BPS1-FW-MW01-20251208

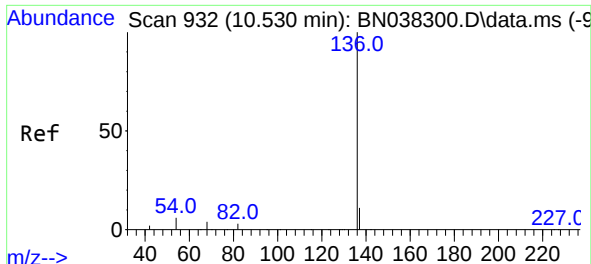
Tgt Ion:112 Resp: 1735
Ion Ratio Lower Upper
112 100
64 57.8 44.4 66.6
63 29.1 23.4 35.0



#5
Phenol-d6
Concen: 0.083 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.007 min
Lab File: BN038430.D
Acq: 16 Dec 2025 07:44

Tgt Ion: 99 Resp: 1222
Ion Ratio Lower Upper
99 100
42 27.9 16.5 24.7#
71 35.1 24.9 37.3

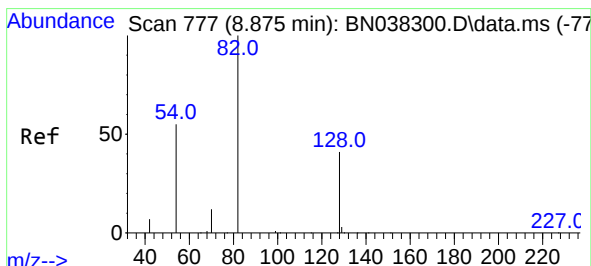
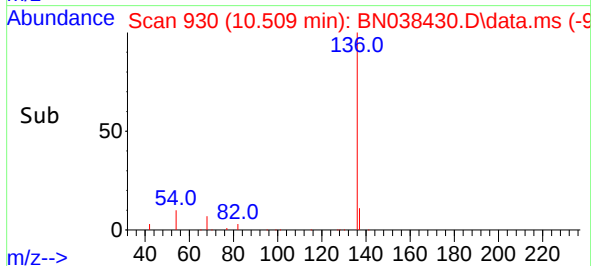
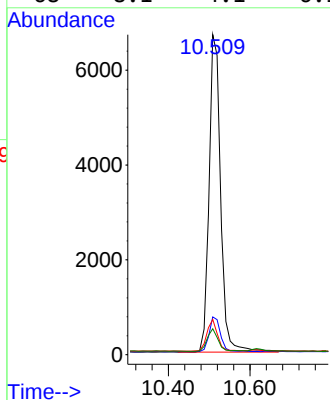
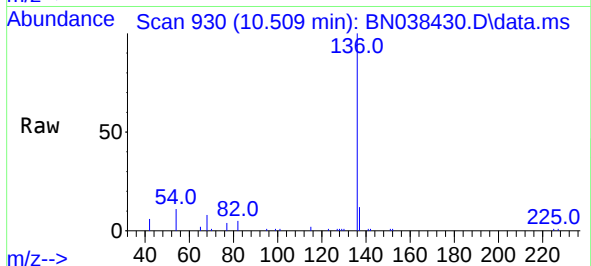




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN038430.D
Acq: 16 Dec 2025 07:44

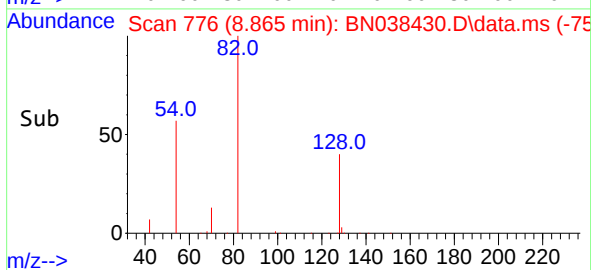
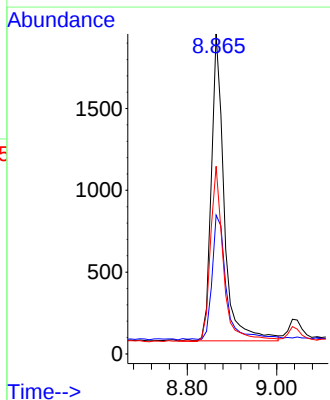
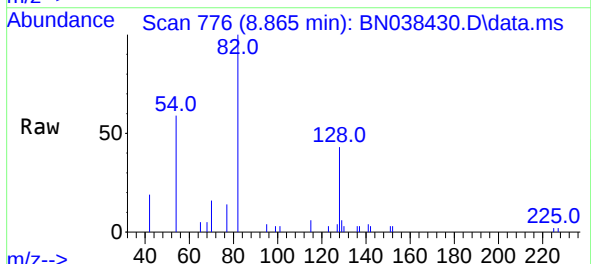
Instrument :
BNA_N
ClientSampleId :
BPS1-FW-MW01I-20251208

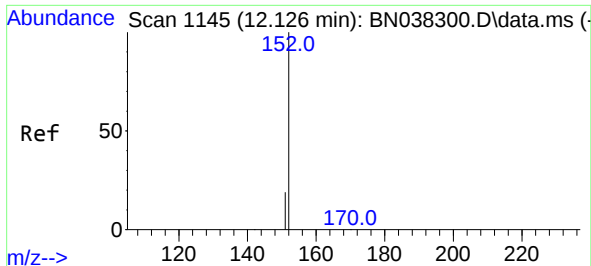
Tgt Ion:	136	Resp:	13156
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	11.0	5.2	7.8#
68	8.1	4.1	6.1#



#8
Nitrobenzene-d5
Concen: 0.337 ng
RT: 8.865 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN038430.D
Acq: 16 Dec 2025 07:44

Tgt Ion:	82	Resp:	3741
Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.0	51.0
54	58.6	44.4	66.6

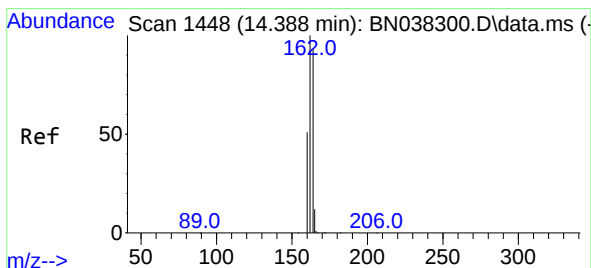
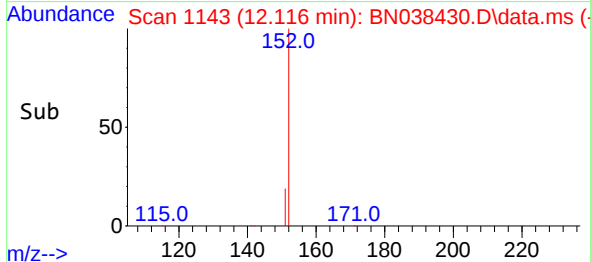
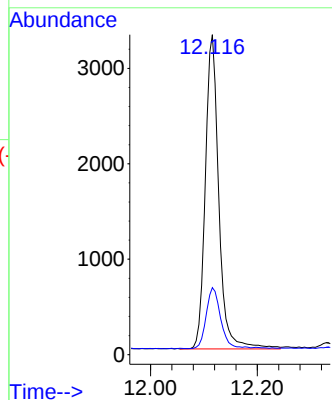
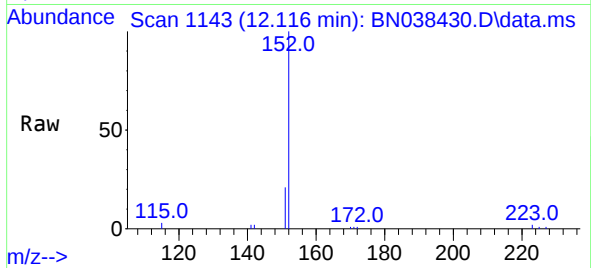




#11
2-Methylnaphthalene-d10
Concen: 0.312 ng
RT: 12.116 min Scan# 1145
Delta R.T. -0.010 min
Lab File: BN038430.D
Acq: 16 Dec 2025 07:44

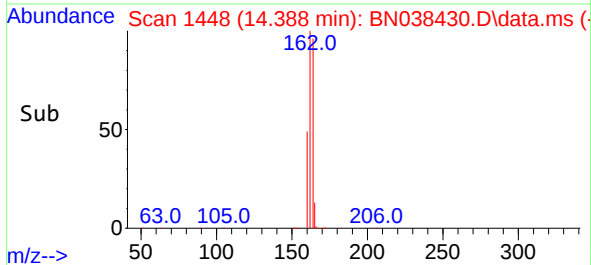
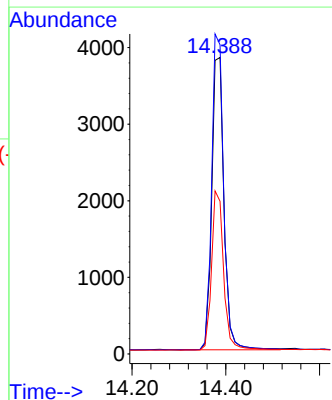
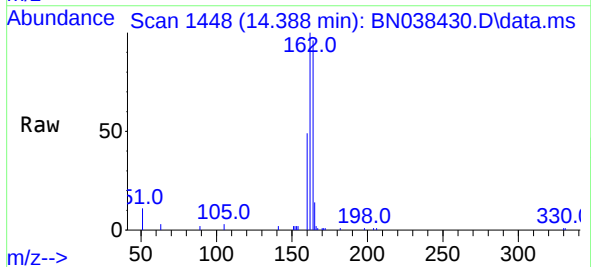
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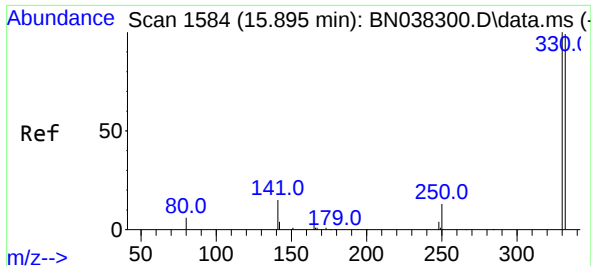
Tgt Ion:152 Resp: 5794
Ion Ratio Lower Upper
152 100
151 20.8 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038430.D
Acq: 16 Dec 2025 07:44

Tgt Ion:164 Resp: 6929
Ion Ratio Lower Upper
164 100
162 104.3 86.2 129.4
160 51.5 44.6 67.0

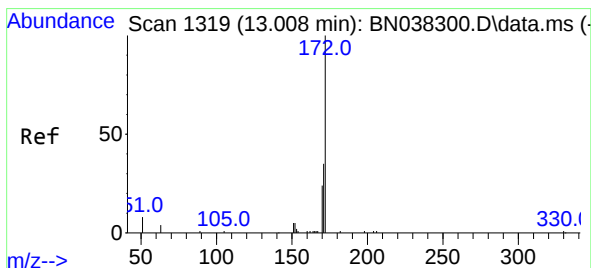
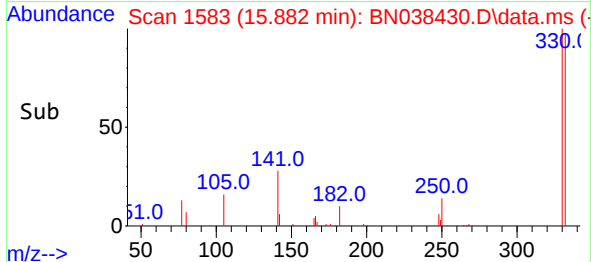
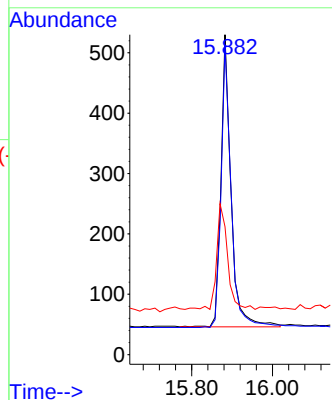
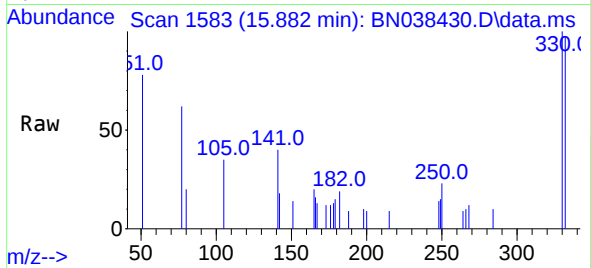




#14
2,4,6-Tribromophenol
Concen: 0.272 ng
RT: 15.882 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN038430.D
Acq: 16 Dec 2025 07:44

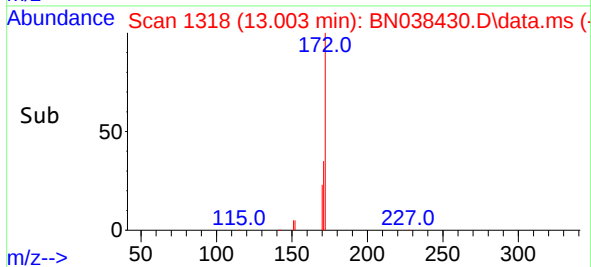
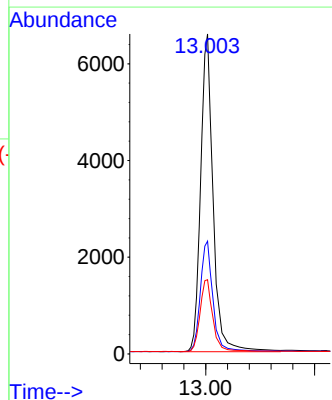
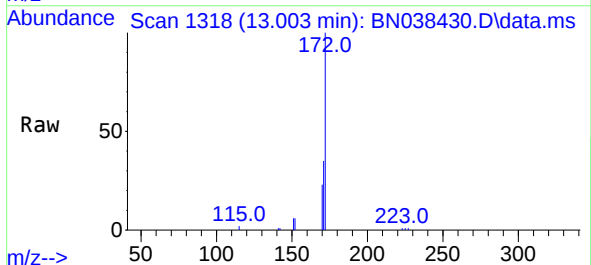
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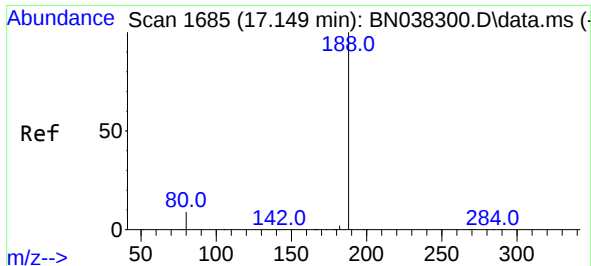
Tgt Ion:	330	Resp:	836
Ion	Ratio	Lower	Upper
330	100		
332	97.1	75.8	113.6
141	40.8	31.8	47.8



#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 13.003 min Scan# 1318
Delta R.T. -0.005 min
Lab File: BN038430.D
Acq: 16 Dec 2025 07:44

Tgt Ion:	172	Resp:	13791
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	42.8
170	23.2	19.3	28.9

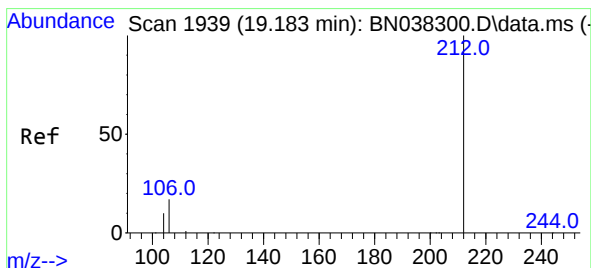
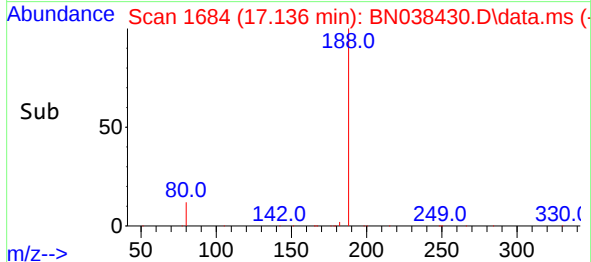
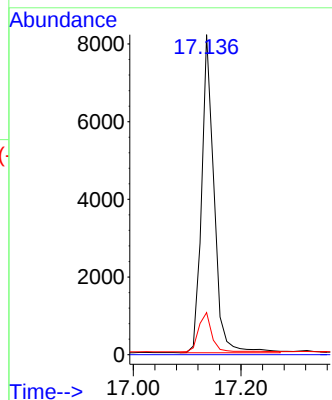
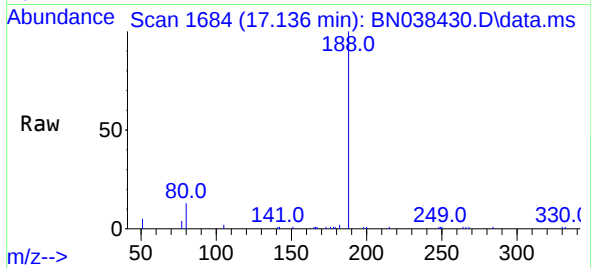




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN038430.D
Acq: 16 Dec 2025 07:44

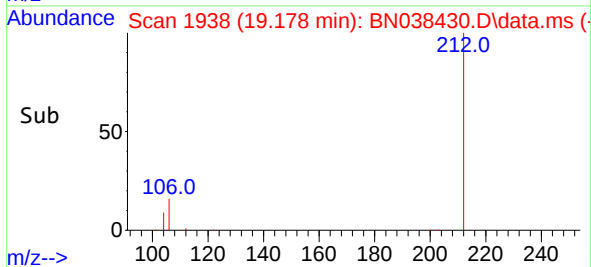
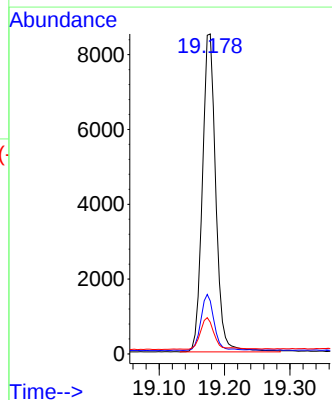
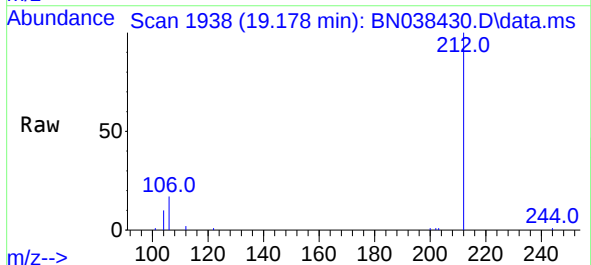
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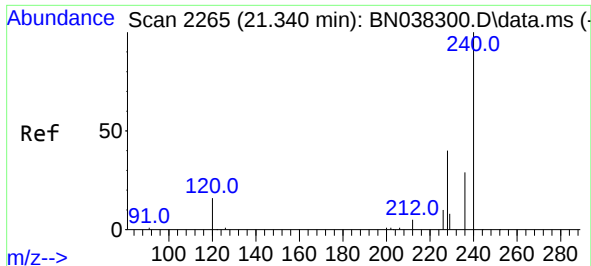
Tgt Ion:188 Resp: 13168
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.2 7.4 11.0#



#27
Fluoranthene-d10
Concen: 0.372 ng
RT: 19.178 min Scan# 1938
Delta R.T. -0.009 min
Lab File: BN038430.D
Acq: 16 Dec 2025 07:44

Tgt Ion:212 Resp: 12101
Ion Ratio Lower Upper
212 100
106 17.3 13.7 20.5
104 9.7 7.8 11.8

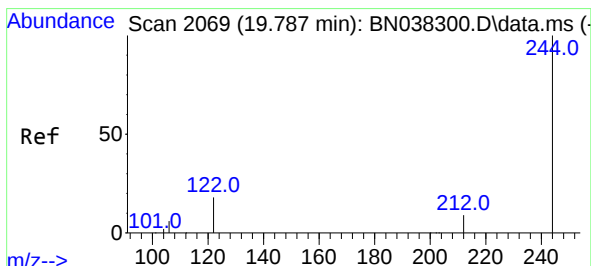
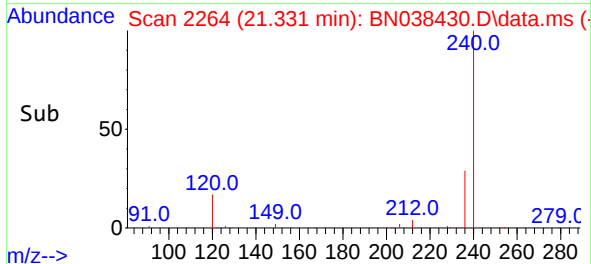
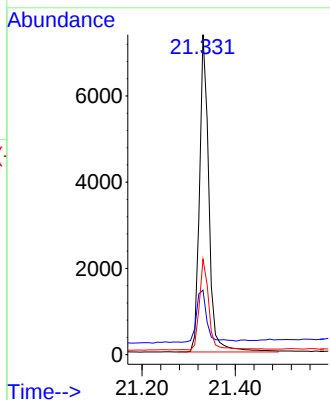
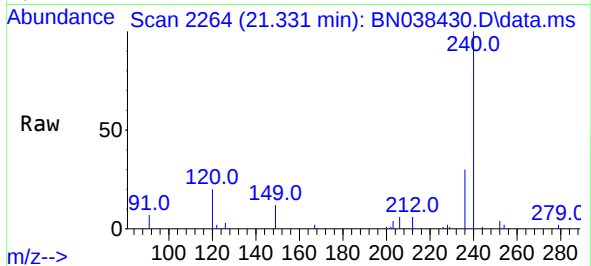




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038430.D
Acq: 16 Dec 2025 07:44

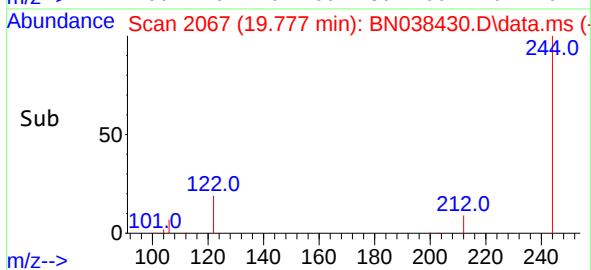
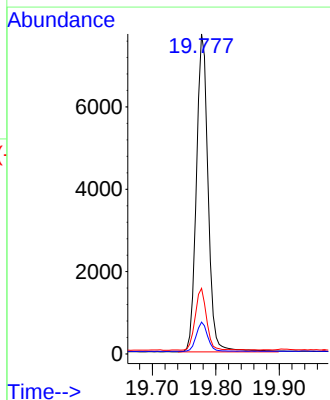
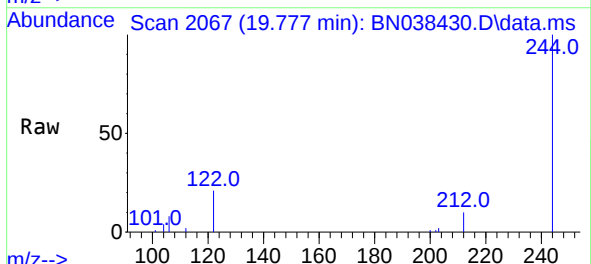
Instrument :
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BPS1-FW-MW01I-20251208

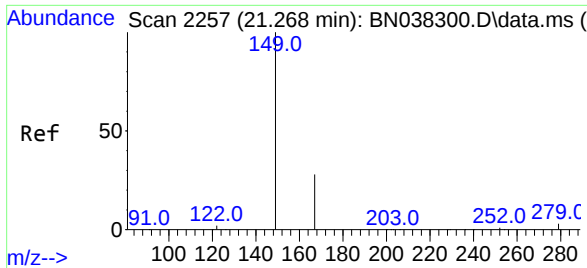
Tgt Ion:	240	Resp:	10312
Ion Ratio	Lower	Upper	
240	100		
120	20.1	15.4	23.2
236	29.8	23.9	35.9



#31
Terphenyl-d14
Concen: 0.430 ng
RT: 19.777 min Scan# 2067
Delta R.T. -0.014 min
Lab File: BN038430.D
Acq: 16 Dec 2025 07:44

Tgt Ion:	244	Resp:	9896
Ion Ratio	Lower	Upper	
244	100		
212	9.9	7.9	11.9
122	20.5	15.0	22.6

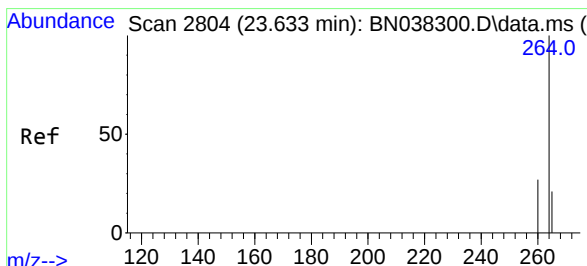
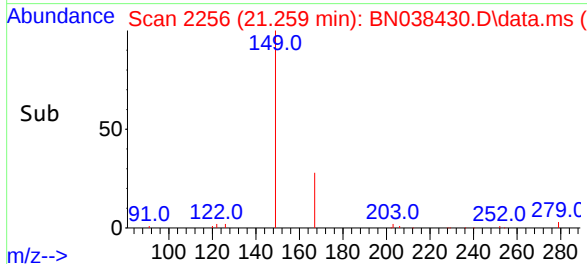
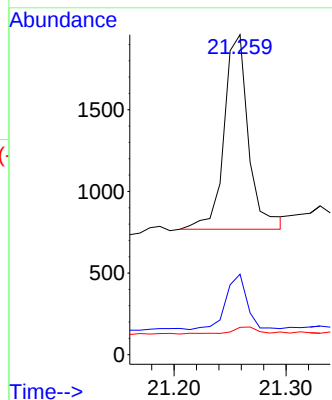
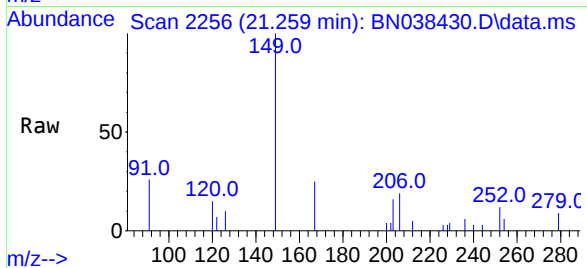




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.083 ng
 RT: 21.259 min Scan# 21256
 Delta R.T. -0.009 min
 Lab File: BN038430.D
 Acq: 16 Dec 2025 07:44

Instrument :
 BNA_N
 ClientSampleId :
 BPS1-FW-MW01I-20251208

Tgt Ion:149 Resp: 1820
 Ion Ratio Lower Upper
 149 100
 167 24.5 21.4 32.0
 279 4.0 2.4 3.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.619 min Scan# 2799
 Delta R.T. -0.015 min
 Lab File: BN038430.D
 Acq: 16 Dec 2025 07:44

Tgt Ion:264 Resp: 10404
 Ion Ratio Lower Upper
 264 100
 260 27.5 22.2 33.2
 265 93.5 80.2 120.2

