

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
 Data File : BN038010.D
 Acq On : 06 Oct 2025 15:33
 Operator : RC/JU
 Sample : Q3194-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT150S1-20250922

Quant Time: Oct 06 16:06:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 11:00:01 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

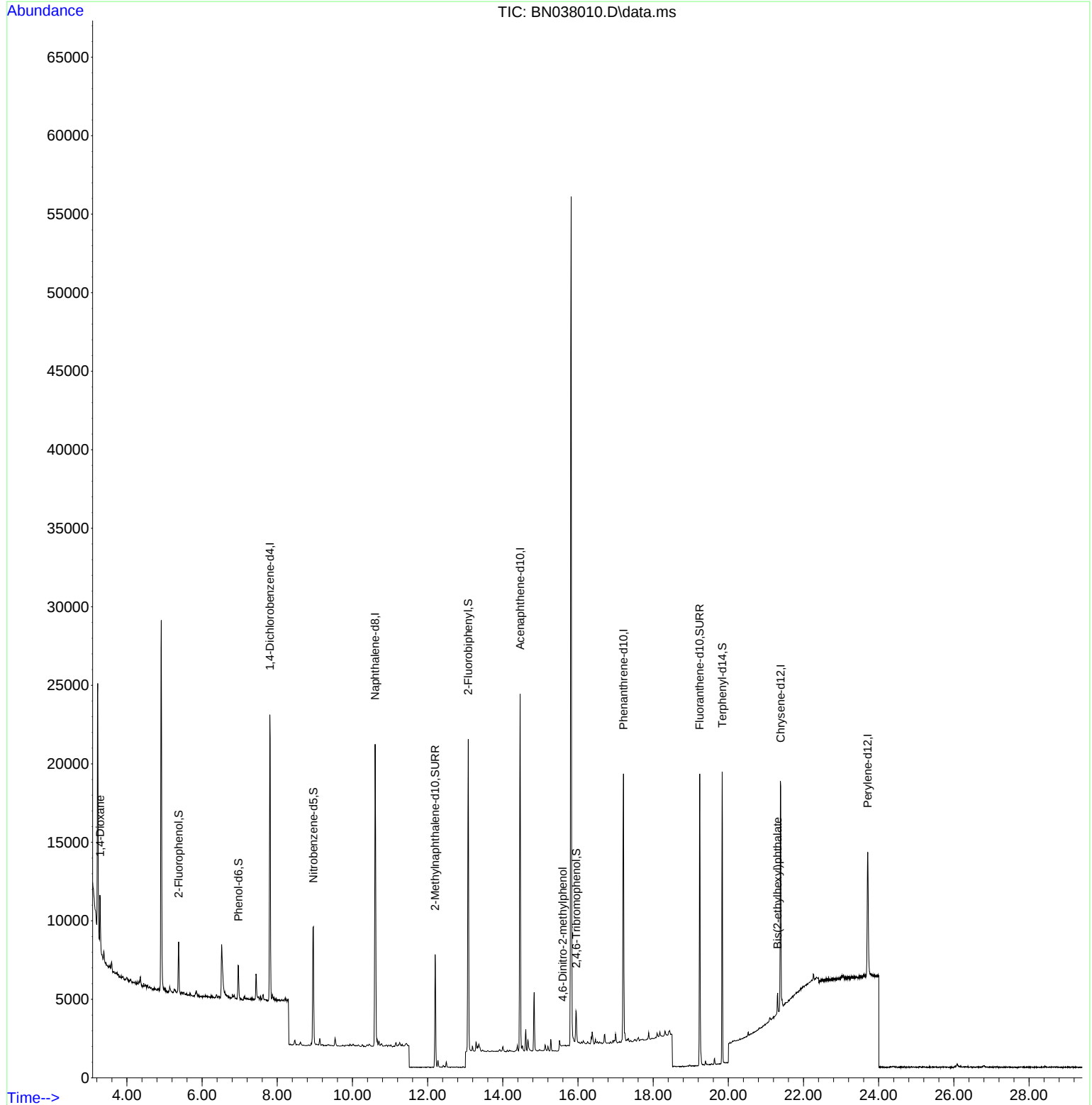
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	8753	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	24921	0.400	ng	#-0.02
13) Acenaphthene-d10	14.462	164	12370	0.400	ng	-0.01
19) Phenanthrene-d10	17.211	188	23771	0.400	ng	-0.01
29) Chrysene-d12	21.393	240	14168	0.400	ng	0.00
35) Perylene-d12	23.709	264	11452	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	2555	0.128	ng	0.00
5) Phenol-d6	6.966	99	1925	0.073	ng	0.00
8) Nitrobenzene-d5	8.961	82	6479	0.341	ng	-0.01
11) 2-Methylnaphthalene-d10	12.202	152	9475	0.274	ng	-0.02
14) 2,4,6-Tribromophenol	15.957	330	1340	0.286	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	17181	0.339	ng	-0.01
27) Fluoranthene-d10	19.239	212	20225	0.338	ng	-0.01
31) Terphenyl-d14	19.838	244	17101	0.606	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.290	88	2161	0.243	ng	# 87
20) 4,6-Dinitro-2-methylph...	15.597	198	20	0.074	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.313	149	1401	0.072	ng	# 100

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

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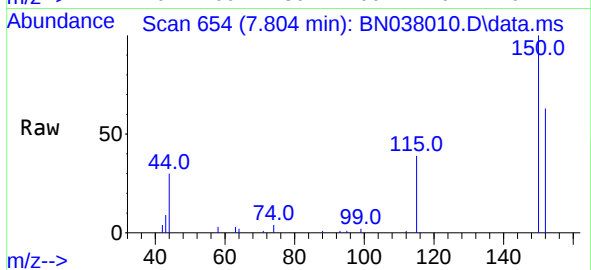
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
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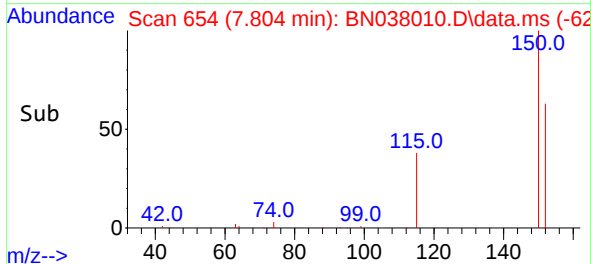
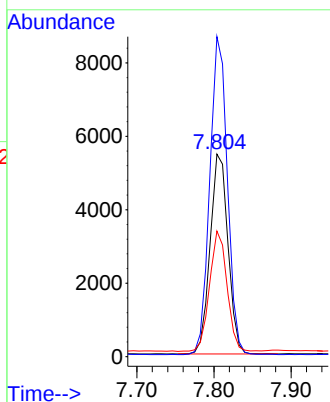


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN038010.D
Acq: 06 Oct 2025 15:33

Instrument :
BNA_N
ClientSampleId :
TT150S1-20250922

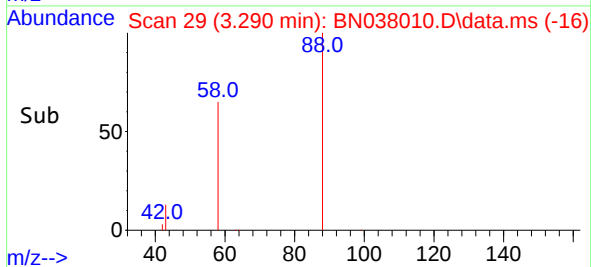
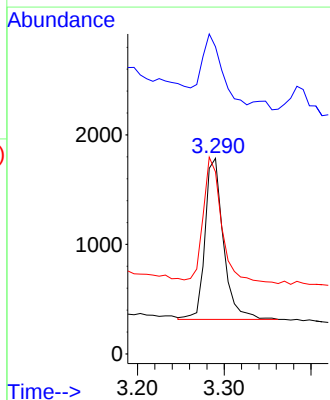
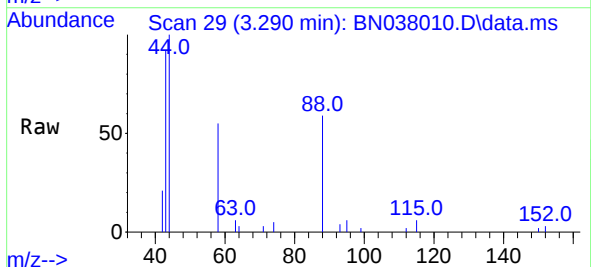


Tgt Ion:152 Resp: 8753
Ion Ratio Lower Upper
152 100
150 158.0 121.0 181.4
115 62.0 47.4 71.0



#2
1,4-Dioxane
Concen: 0.243 ng
RT: 3.290 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN038010.D
Acq: 06 Oct 2025 15:33

Tgt Ion: 88 Resp: 2161
Ion Ratio Lower Upper
88 100
43 47.5 26.6 39.8#
58 80.4 58.9 88.3

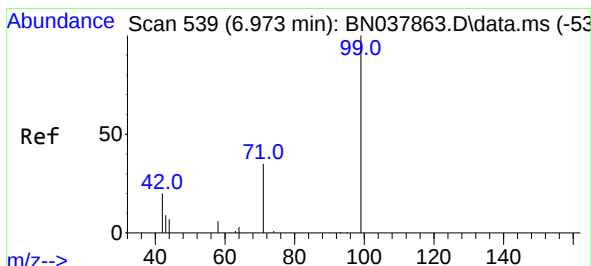
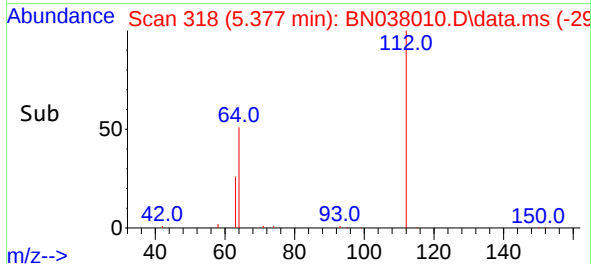
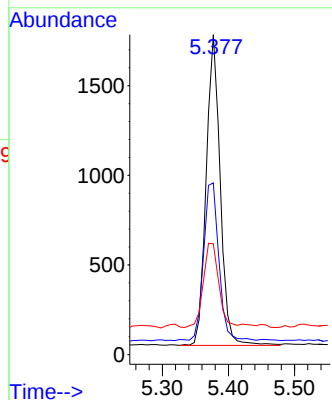
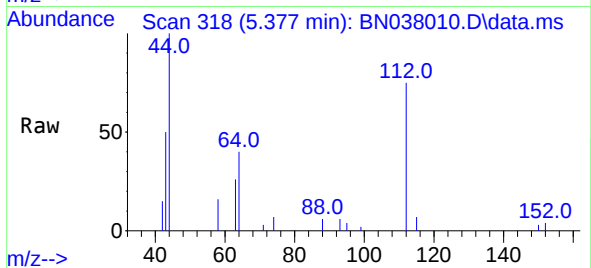




#4
2-Fluorophenol
Concen: 0.128 ng
RT: 5.377 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN038010.D
Acq: 06 Oct 2025 15:33

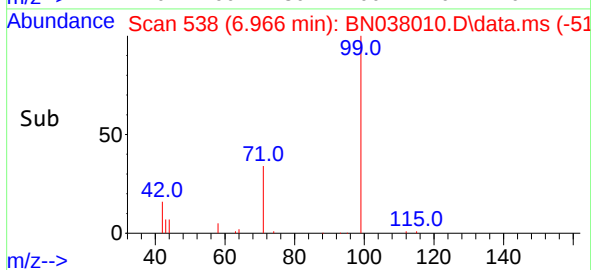
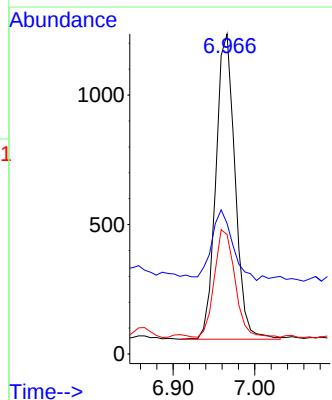
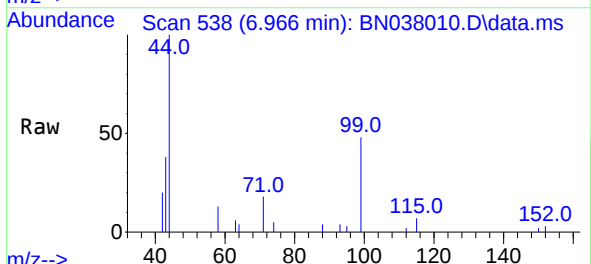
Instrument :
BNA_N
ClientSampleId :
TT150S1-20250922

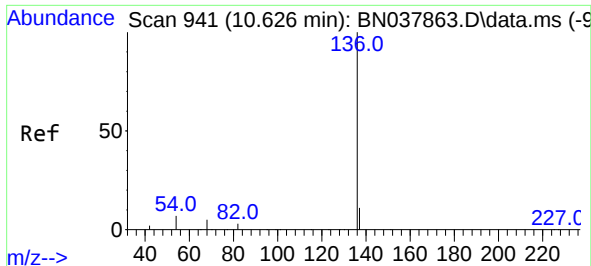
Tgt Ion:112 Resp: 2555
Ion Ratio Lower Upper
112 100
64 55.1 44.6 66.8
63 29.8 24.9 37.3



#5
Phenol-d6
Concen: 0.073 ng
RT: 6.966 min Scan# 538
Delta R.T. -0.007 min
Lab File: BN038010.D
Acq: 06 Oct 2025 15:33

Tgt Ion: 99 Resp: 1925
Ion Ratio Lower Upper
99 100
42 25.5 17.2 25.8
71 37.8 27.3 40.9

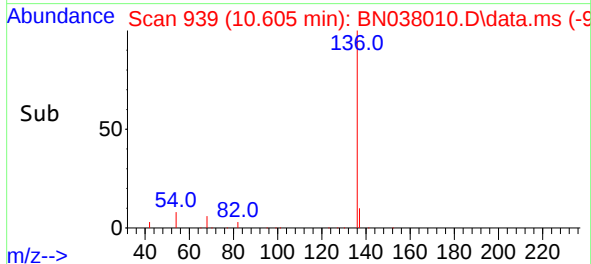
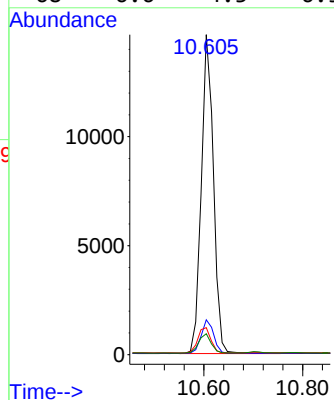
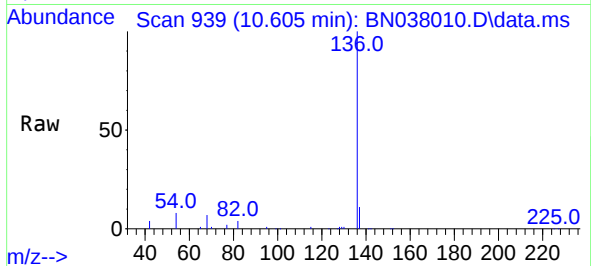




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN038010.D
Acq: 06 Oct 2025 15:33

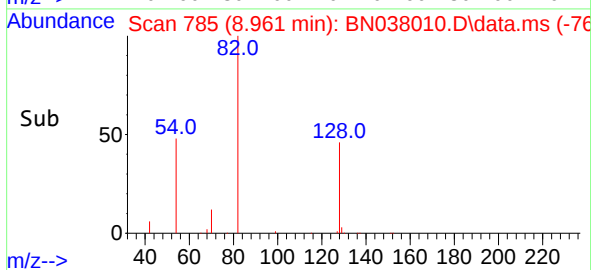
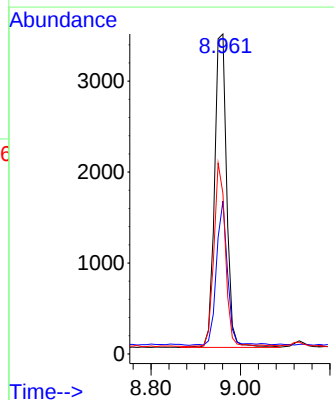
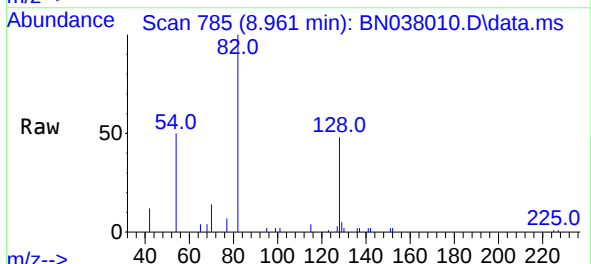
Instrument :
BNA_N
ClientSampleId :
TT150S1-20250922

Tgt Ion:	136	Resp:	24921
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	8.4	5.8	8.8
68	6.6	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.341 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN038010.D
Acq: 06 Oct 2025 15:33

Tgt Ion:	82	Resp:	6479
Ion	Ratio	Lower	Upper
82	100		
128	47.8	34.8	52.2
54	50.1	42.2	63.2

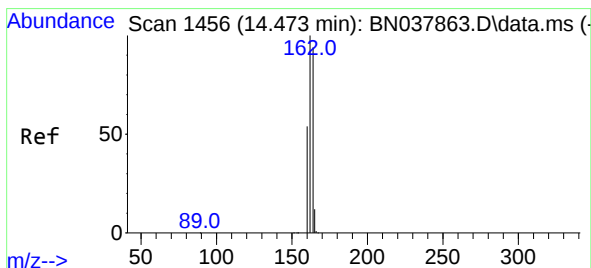
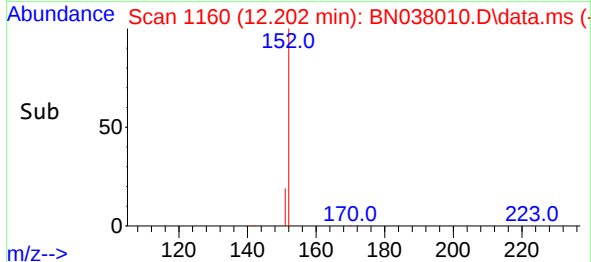
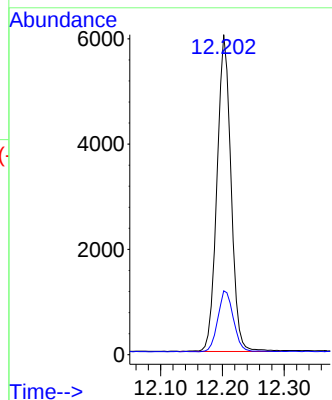
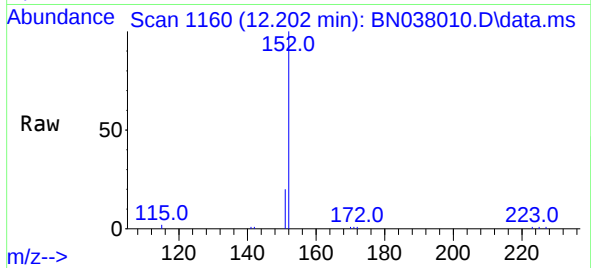




#11
2-Methylnaphthalene-d10
Concen: 0.274 ng
RT: 12.202 min Scan# 1160
Delta R.T. -0.015 min
Lab File: BN038010.D
Acq: 06 Oct 2025 15:33

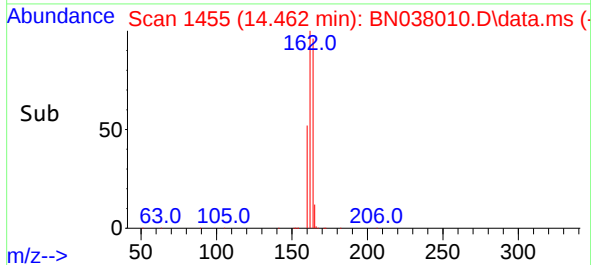
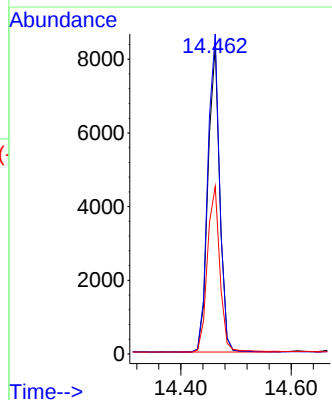
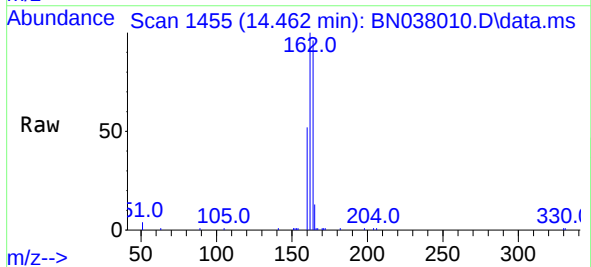
Instrument :
BNA_N
ClientSampleId :
TT150S1-20250922

Tgt Ion:152 Resp: 9475
Ion Ratio Lower Upper
152 100
151 21.3 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.462 min Scan# 1455
Delta R.T. -0.011 min
Lab File: BN038010.D
Acq: 06 Oct 2025 15:33

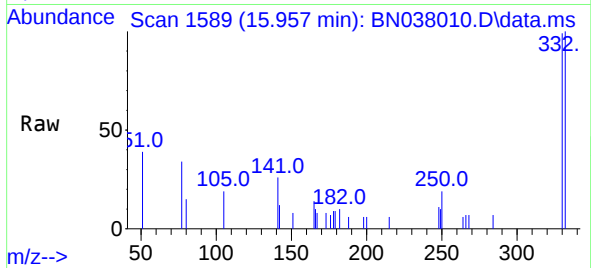
Tgt Ion:164 Resp: 12370
Ion Ratio Lower Upper
164 100
162 103.8 84.8 127.2
160 54.4 46.1 69.1



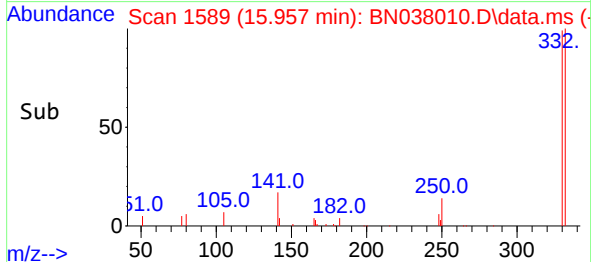
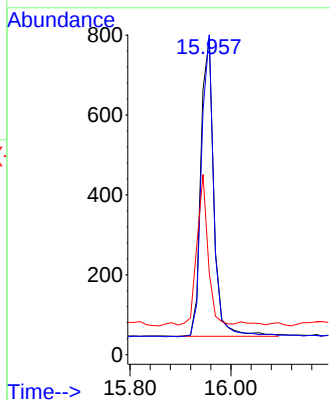


#14
2,4,6-Tribromophenol
Concen: 0.286 ng
RT: 15.957 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN038010.D
Acq: 06 Oct 2025 15:33

Instrument :
BNA_N
ClientSampleId :
TT150S1-20250922

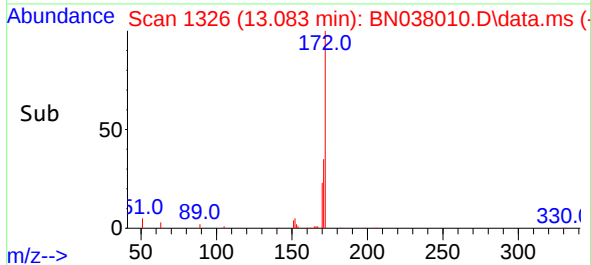
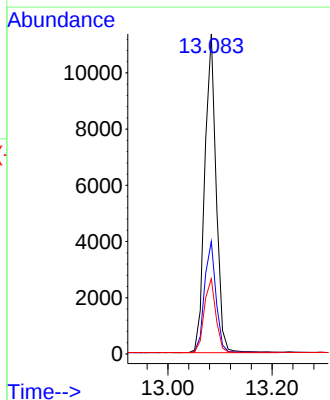
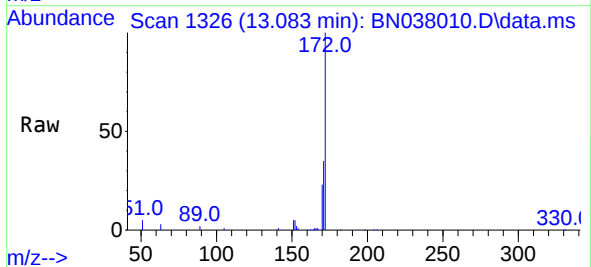


Tgt Ion:330 Resp: 1340
Ion Ratio Lower Upper
330 100
332 96.6 77.2 115.8
141 44.5 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.339 ng
RT: 13.083 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BN038010.D
Acq: 06 Oct 2025 15:33

Tgt Ion:172 Resp: 17181
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.5 19.7 29.5

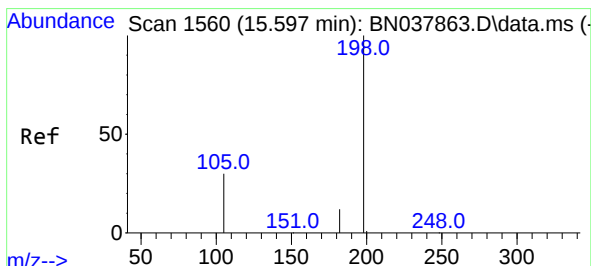
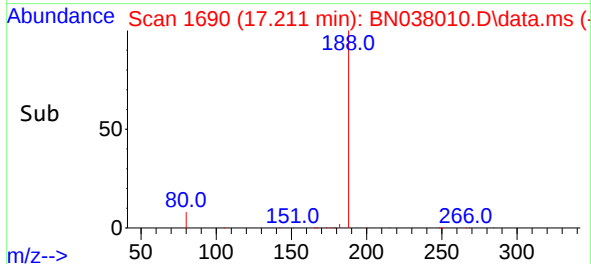
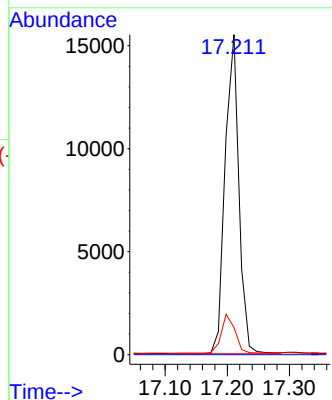
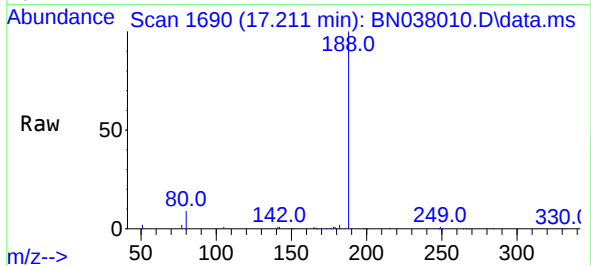




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN038010.D
Acq: 06 Oct 2025 15:33

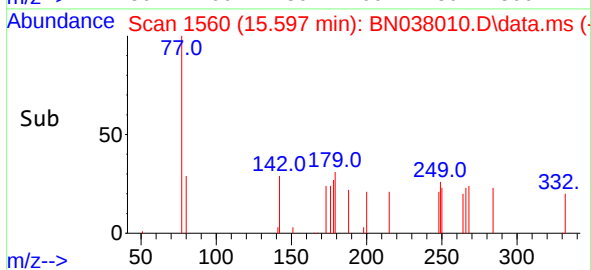
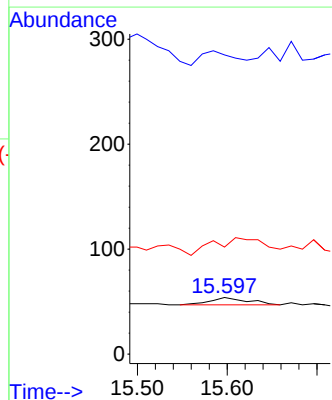
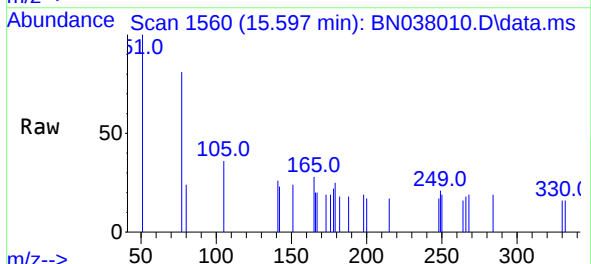
Instrument :
BNA_N
ClientSampleId :
TT150S1-20250922

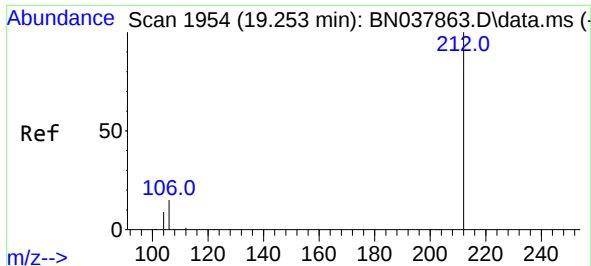
Tgt Ion:188 Resp: 23771
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.5 7.6 11.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.074 ng
RT: 15.597 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BN038010.D
Acq: 06 Oct 2025 15:33

Tgt Ion:198 Resp: 20
Ion Ratio Lower Upper
198 100
51 527.8 59.1 88.7#
105 188.9 41.3 61.9#

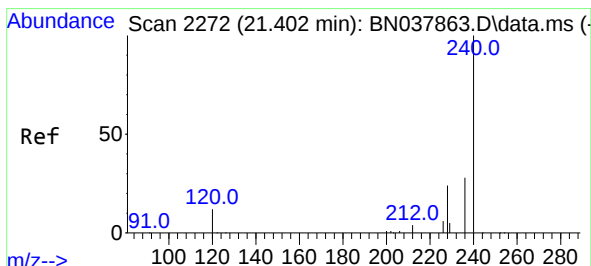
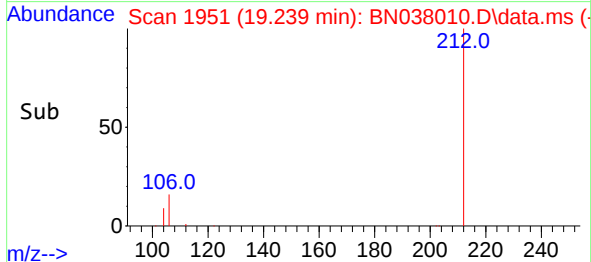
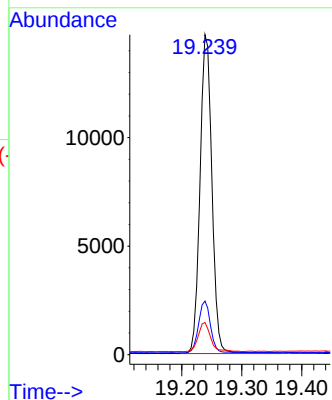
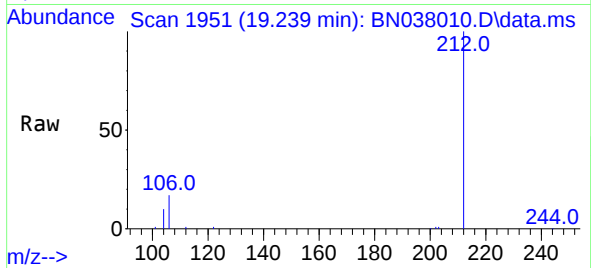




#27
Fluoranthene-d10
Concen: 0.338 ng
RT: 19.239 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038010.D
Acq: 06 Oct 2025 15:33

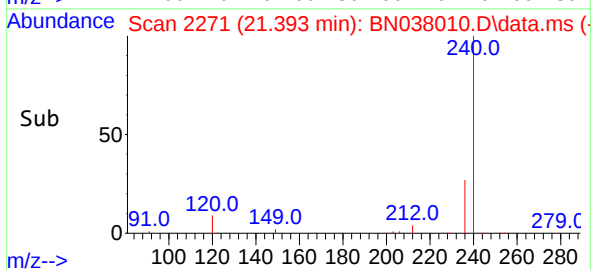
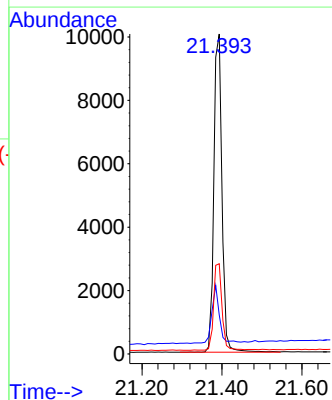
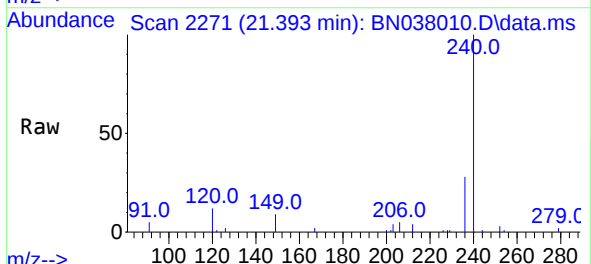
Instrument :
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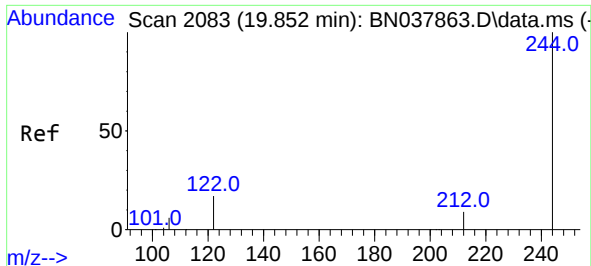
Tgt Ion:	212	Resp:	20225
Ion	Ratio	Lower	Upper
212	100		
106	16.3	12.6	19.0
104	9.4	7.4	11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN038010.D
Acq: 06 Oct 2025 15:33

Tgt Ion:	240	Resp:	14168
Ion	Ratio	Lower	Upper
240	100		
120	12.2	11.4	17.2
236	28.2	23.0	34.6

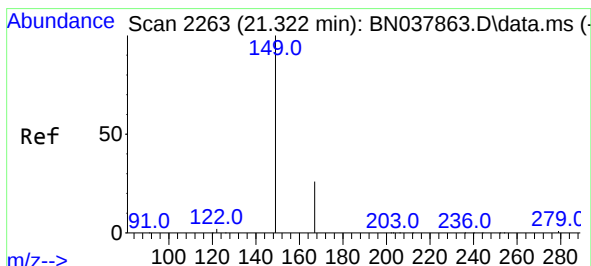
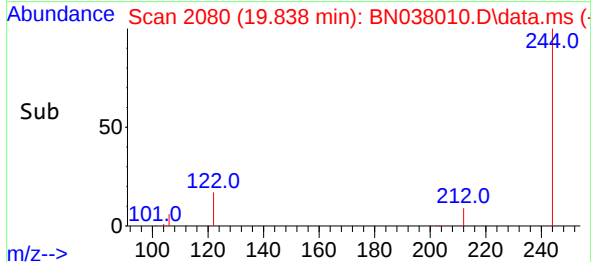
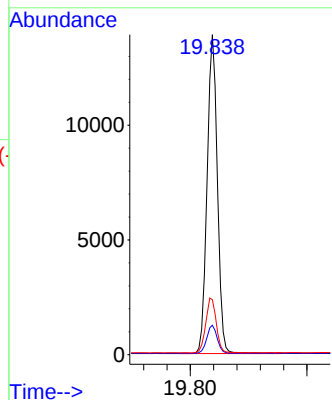
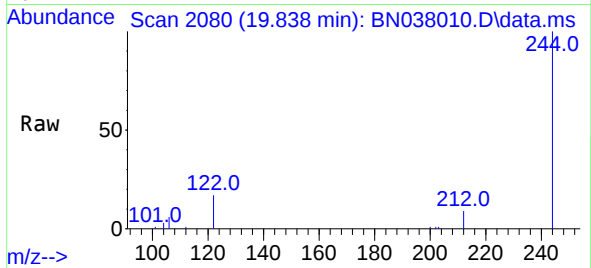




#31
Terphenyl-d14
Concen: 0.606 ng
RT: 19.838 min Scan# 2080
Delta R.T. -0.014 min
Lab File: BN038010.D
Acq: 06 Oct 2025 15:33

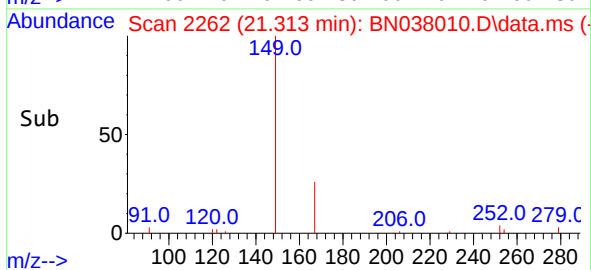
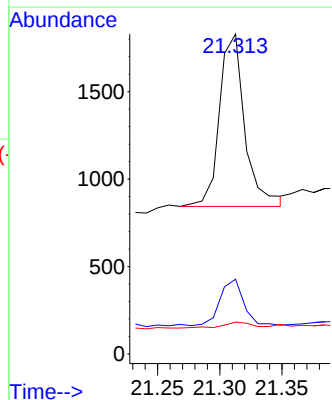
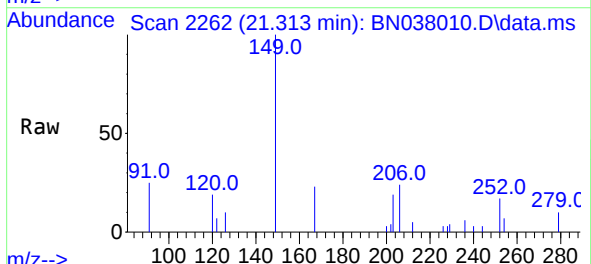
Instrument :
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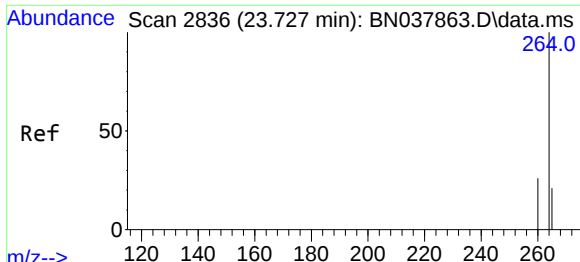
Tgt Ion:244 Resp: 17101
Ion Ratio Lower Upper
244 100
212 9.2 7.6 11.4
122 17.2 13.9 20.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.072 ng
RT: 21.313 min Scan# 2262
Delta R.T. -0.009 min
Lab File: BN038010.D
Acq: 06 Oct 2025 15:33

Tgt Ion:149 Resp: 1401
Ion Ratio Lower Upper
149 100
167 25.6 20.4 30.6
279 4.2 2.4 3.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.709 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN038010.D
Acq: 06 Oct 2025 15:33

Instrument :
BNA_N
ClientSampleId :
TT150S1-20250922

Tgt Ion:	264	Resp:	11452
Ion	Ratio	Lower	Upper
264	100		
260	28.1	21.5	32.3
265	100.0	53.8	80.6

