

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
 Data File : BN038018.D
 Acq On : 06 Oct 2025 20:24
 Operator : RC/JU
 Sample : Q3194-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT163S1-20250924

Quant Time: Oct 07 01:39:53 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)

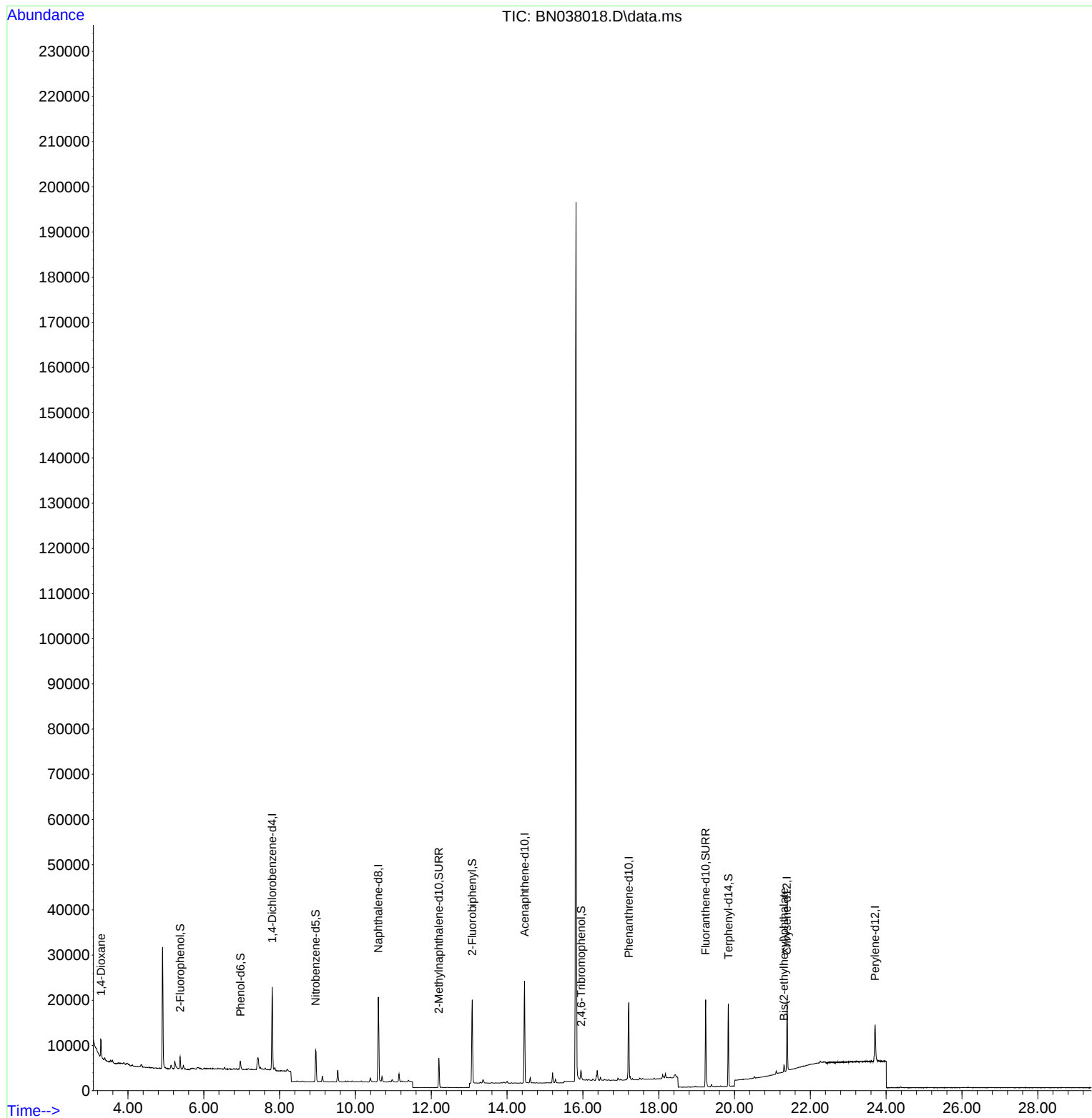
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.803	152	8745	0.400	ng	-0.02
7) Naphthalene-d8	10.604	136	23793	0.400	ng	-0.02
13) Acenaphthene-d10	14.462	164	12365	0.400	ng	-0.01
19) Phenanthrene-d10	17.210	188	24588	0.400	ng	-0.01
29) Chrysene-d12	21.384	240	14333	0.400	ng	#-0.02
35) Perylene-d12	23.709	264	11269	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	2152	0.108	ng	0.00
5) Phenol-d6	6.966	99	1663	0.063	ng	0.00
8) Nitrobenzene-d5	8.950	82	5873	0.324	ng	-0.02
11) 2-Methylnaphthalene-d10	12.202	152	8633	0.261	ng	-0.02
14) 2,4,6-Tribromophenol	15.956	330	1264	0.270	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	15982	0.316	ng	-0.01
27) Fluoranthene-d10	19.238	212	20207	0.327	ng	-0.01
31) Terphenyl-d14	19.837	244	16710	0.585	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.289	88	2656	0.299	ng	# 81
34) Bis(2-ethylhexyl)phtha...	21.303	149	1634	0.082	ng	# 99

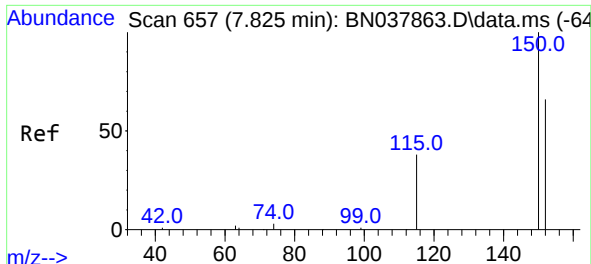
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Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
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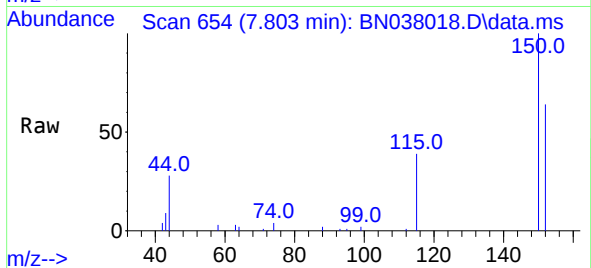
Quant Time: Oct 07 01:39:53 2025
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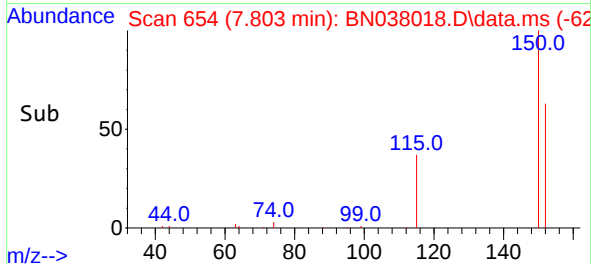
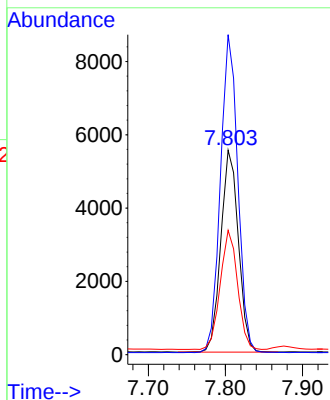


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.803 min Scan# 61
Delta R.T. -0.022 min
Lab File: BN038018.D
Acq: 06 Oct 2025 20:24

Instrument :
BNA_N
ClientSampleId :
TT163S1-20250924

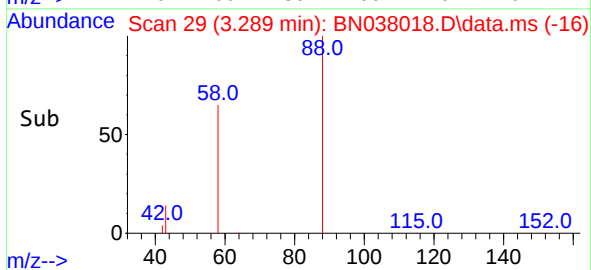
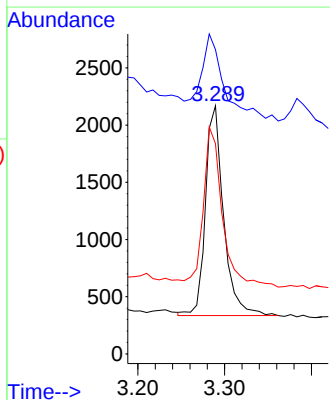
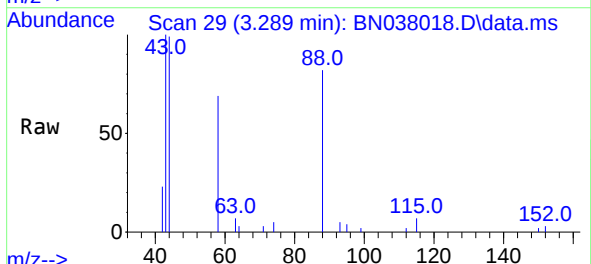


Tgt Ion:152 Resp: 8745
Ion Ratio Lower Upper
152 100
150 156.5 121.0 181.4
115 60.8 47.4 71.0



#2
1,4-Dioxane
Concen: 0.299 ng
RT: 3.289 min Scan# 29
Delta R.T. -0.008 min
Lab File: BN038018.D
Acq: 06 Oct 2025 20:24

Tgt Ion: 88 Resp: 2656
Ion Ratio Lower Upper
88 100
43 56.6 26.6 39.8#
58 80.9 58.9 88.3

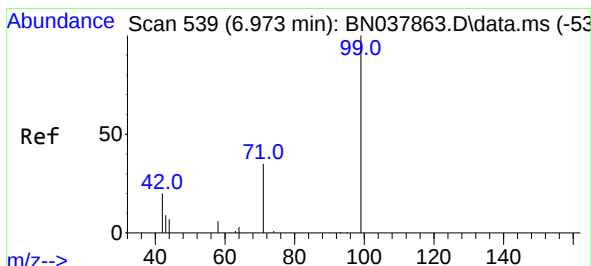
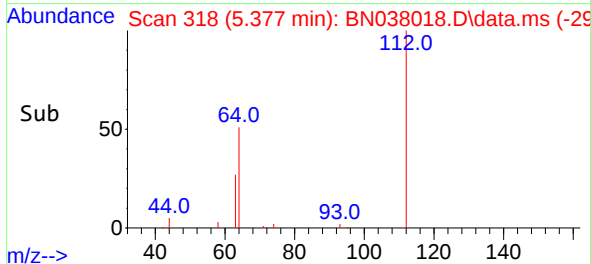
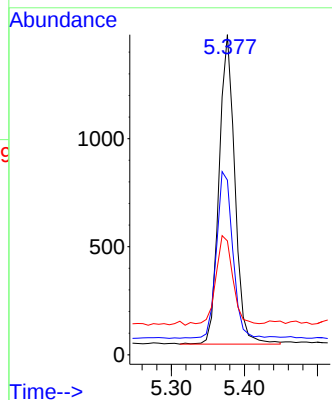
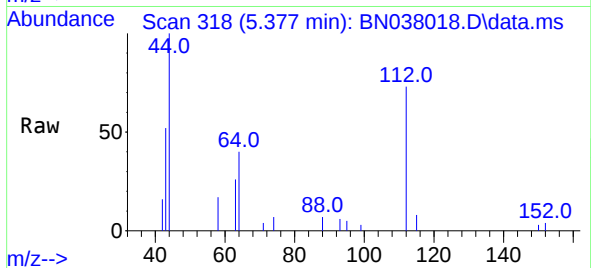




#4
2-Fluorophenol
Concen: 0.108 ng
RT: 5.377 min Scan# 31
Delta R.T. -0.008 min
Lab File: BN038018.D
Acq: 06 Oct 2025 20:24

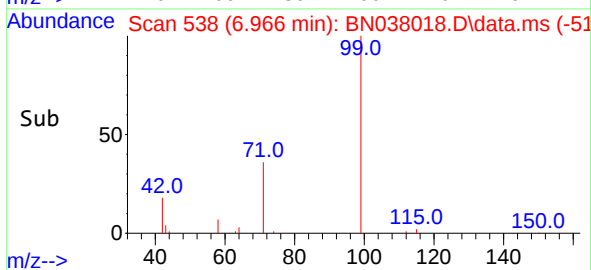
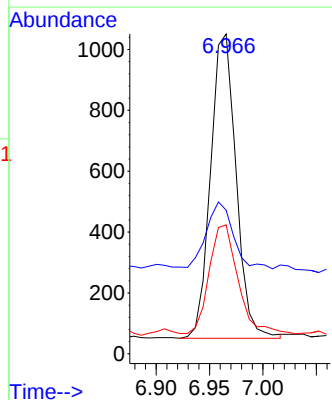
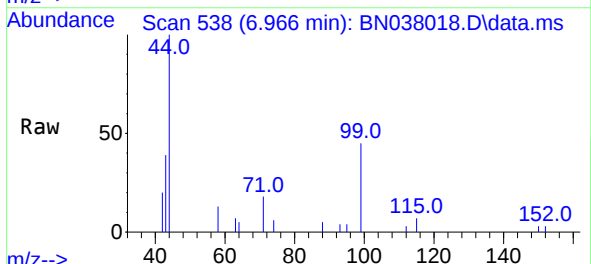
Instrument :
BNA_N
ClientSampleId :
TT163S1-20250924

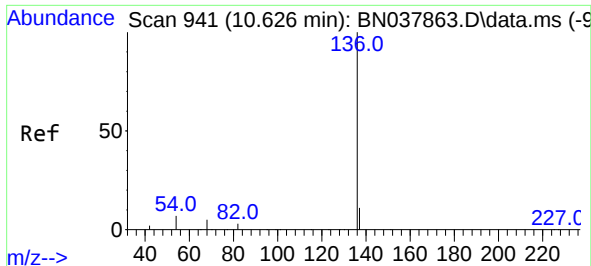
Tgt Ion:112 Resp: 2152
Ion Ratio Lower Upper
112 100
64 55.9 44.6 66.8
63 31.5 24.9 37.3



#5
Phenol-d6
Concen: 0.063 ng
RT: 6.966 min Scan# 538
Delta R.T. -0.008 min
Lab File: BN038018.D
Acq: 06 Oct 2025 20:24

Tgt Ion: 99 Resp: 1663
Ion Ratio Lower Upper
99 100
42 23.2 17.2 25.8
71 41.1 27.3 40.9#

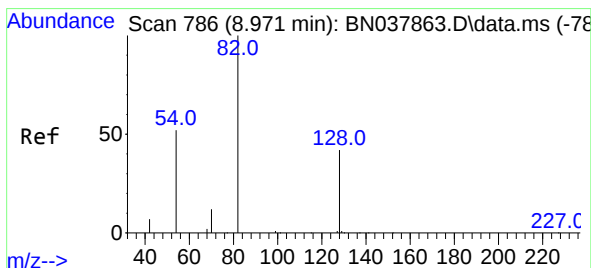
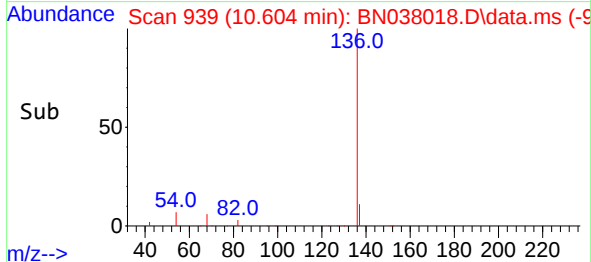
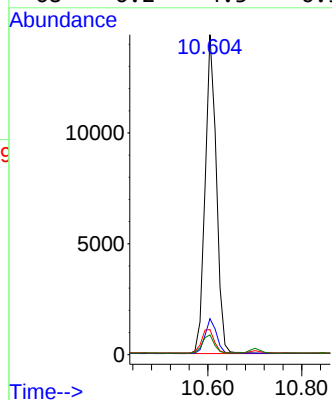
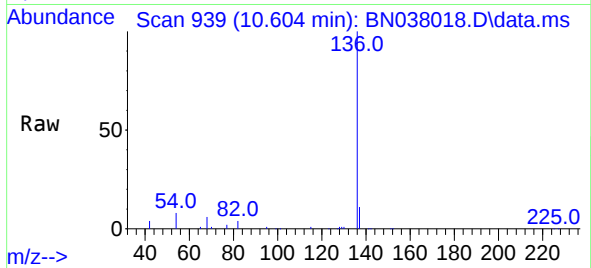




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.604 min Scan# 91
Delta R.T. -0.022 min
Lab File: BN038018.D
Acq: 06 Oct 2025 20:24

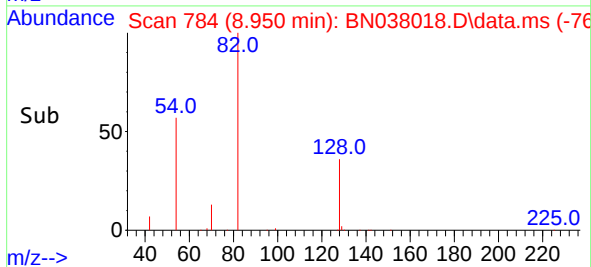
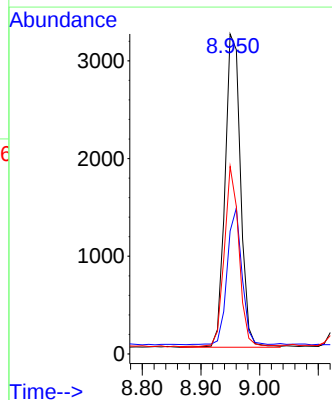
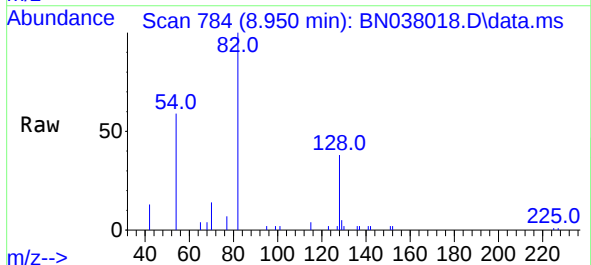
Instrument :
BNA_N
ClientSampleId :
TT163S1-20250924

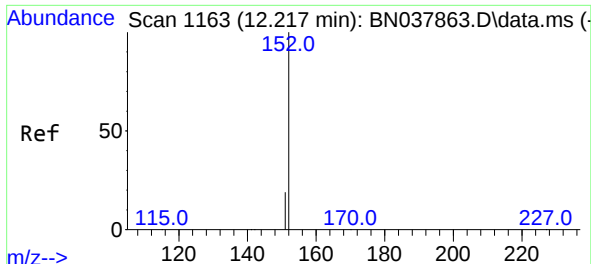
Tgt Ion:	136	Resp:	23793
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.9	5.8	8.8
68	6.2	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.324 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.022 min
Lab File: BN038018.D
Acq: 06 Oct 2025 20:24

Tgt Ion:	82	Resp:	5873
Ion	Ratio	Lower	Upper
82	100		
128	38.4	34.8	52.2
54	58.6	42.2	63.2

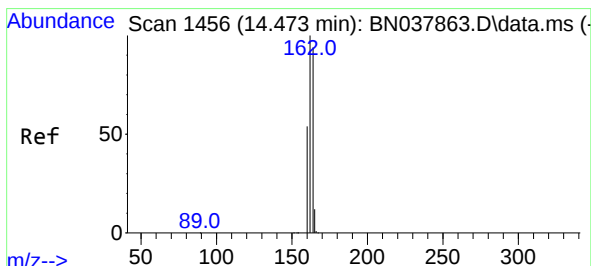
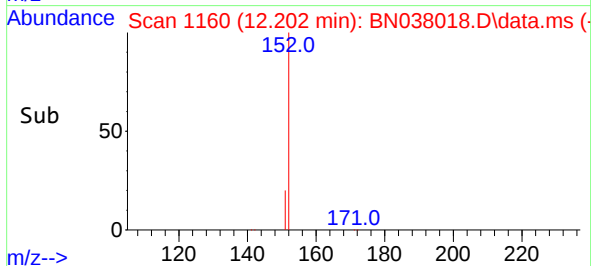
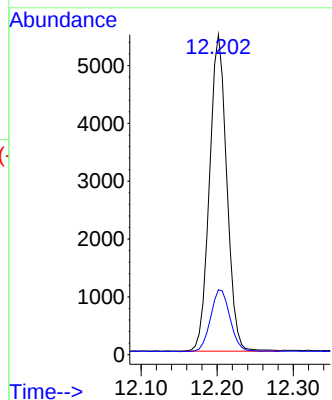
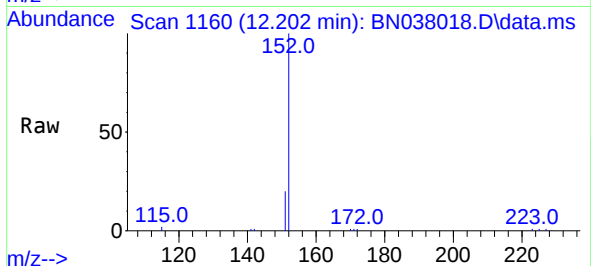




#11
2-Methylnaphthalene-d10
Concen: 0.261 ng
RT: 12.202 min Scan# 1160
Delta R.T. -0.016 min
Lab File: BN038018.D
Acq: 06 Oct 2025 20:24

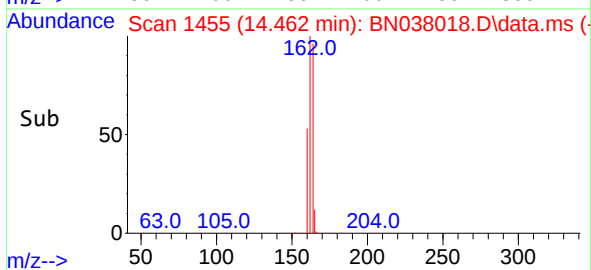
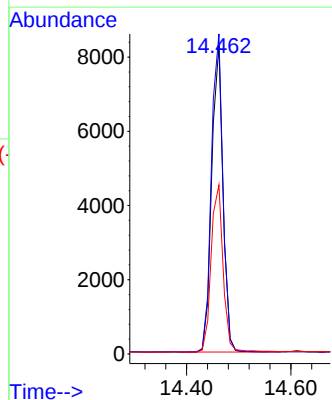
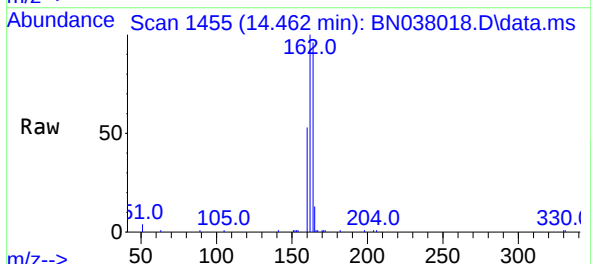
Instrument :
BNA_N
ClientSampleId :
TT163S1-20250924

Tgt Ion:152 Resp: 8633
Ion Ratio Lower Upper
152 100
151 22.0 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: BN038018.D
Acq: 06 Oct 2025 20:24

Tgt Ion:164 Resp: 12365
Ion Ratio Lower Upper
164 100
162 103.8 84.8 127.2
160 54.9 46.1 69.1

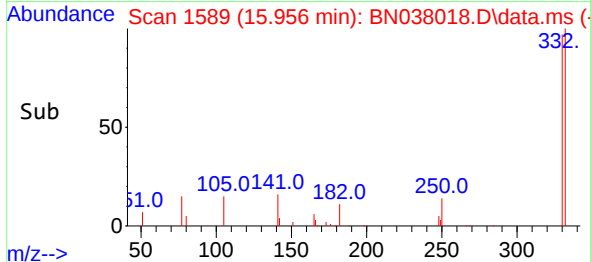
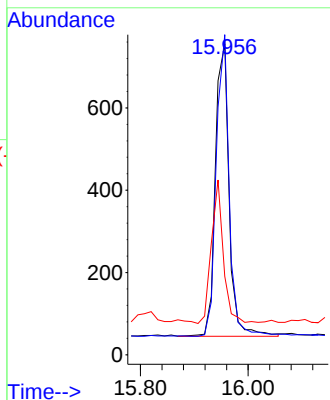
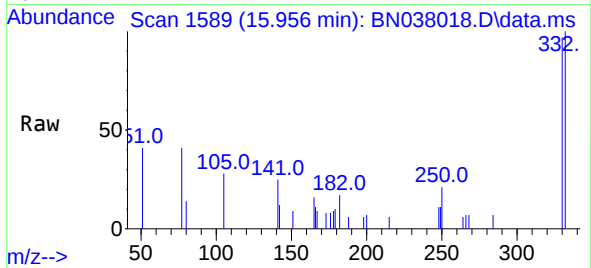




#14
2,4,6-Tribromophenol
Concen: 0.270 ng
RT: 15.956 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN038018.D
Acq: 06 Oct 2025 20:24

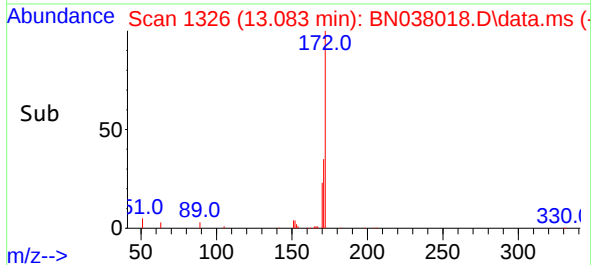
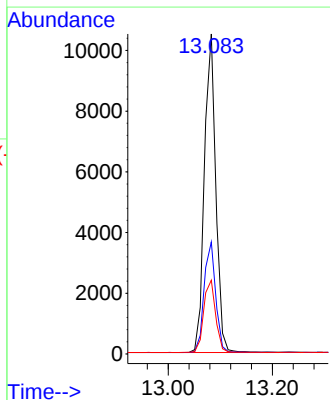
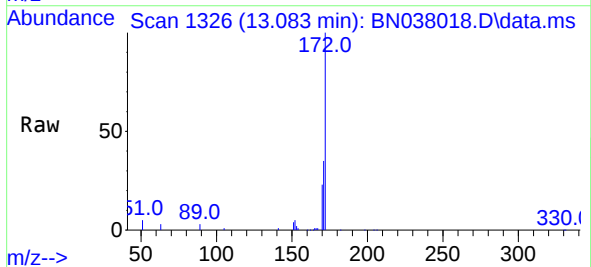
Instrument :
BNA_N
ClientSampleId :
TT163S1-20250924

Tgt Ion:330 Resp: 1264
Ion Ratio Lower Upper
330 100
332 97.8 77.2 115.8
141 42.8 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.316 ng
RT: 13.083 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BN038018.D
Acq: 06 Oct 2025 20:24

Tgt Ion:172 Resp: 15982
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 23.1 19.7 29.5

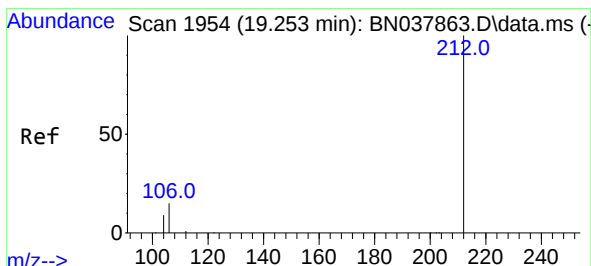
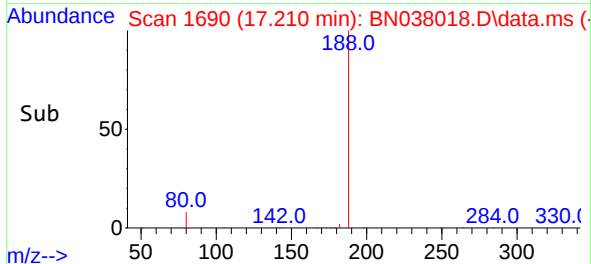
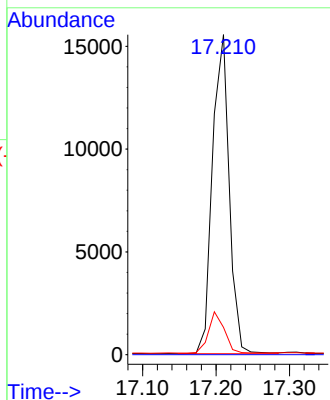
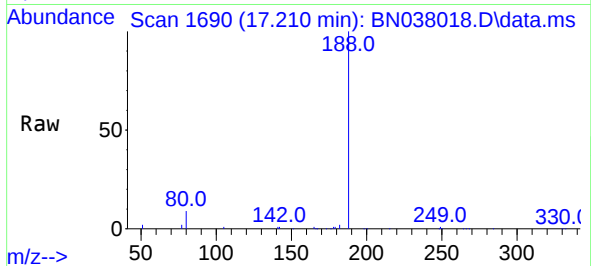




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.210 min Scan# 1690
Delta R.T. -0.013 min
Lab File: BN038018.D
Acq: 06 Oct 2025 20:24

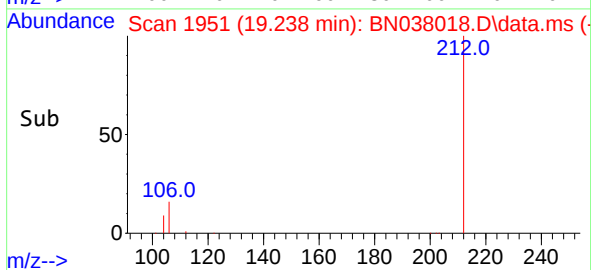
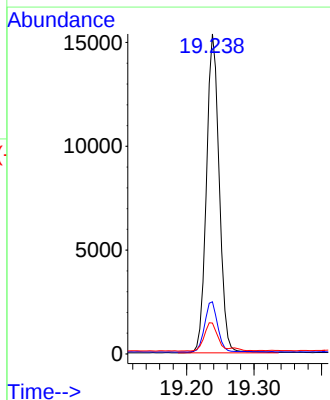
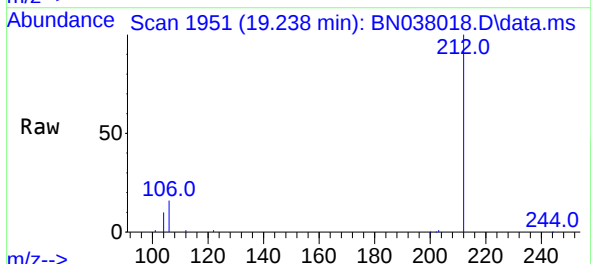
Instrument :
BNA_N
ClientSampleId :
TT163S1-20250924

Tgt Ion:188 Resp: 24588
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.5 7.6 11.4



#27
Fluoranthene-d10
Concen: 0.327 ng
RT: 19.238 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038018.D
Acq: 06 Oct 2025 20:24

Tgt Ion:212 Resp: 20207
Ion Ratio Lower Upper
212 100
106 16.1 12.6 19.0
104 9.2 7.4 11.0

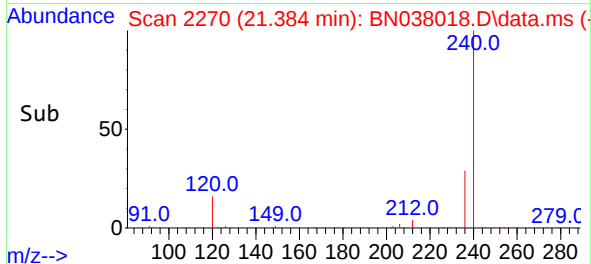
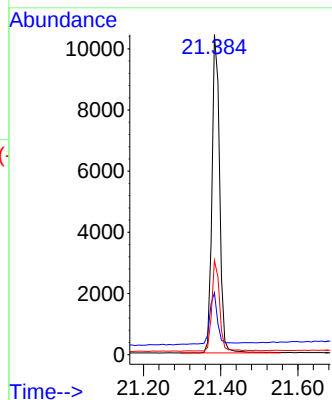
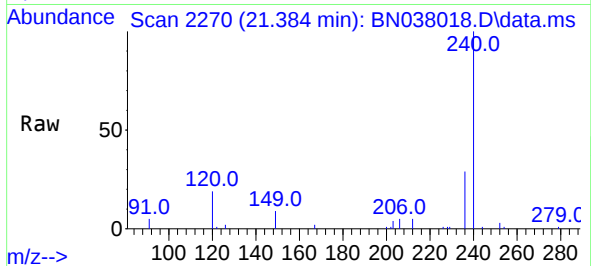




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.384 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN038018.D
Acq: 06 Oct 2025 20:24

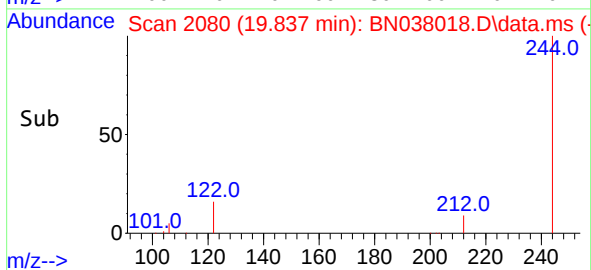
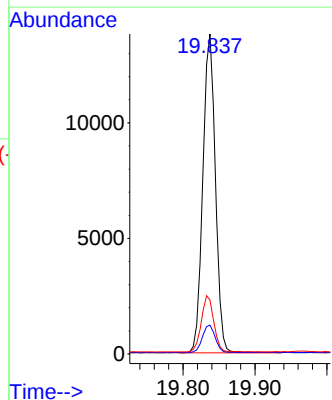
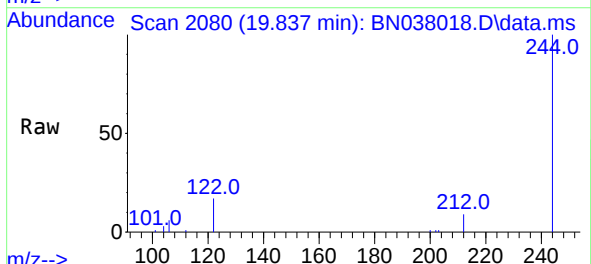
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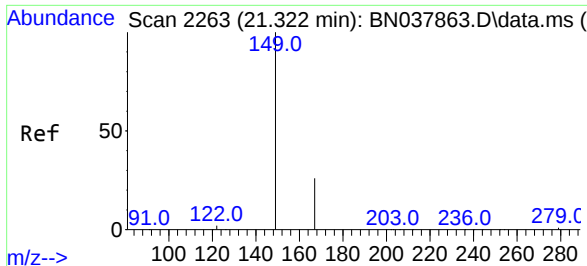
Tgt Ion:240 Resp: 14333
Ion Ratio Lower Upper
240 100
120 19.3 11.4 17.2#
236 29.5 23.0 34.6



#31
Terphenyl-d14
Concen: 0.585 ng
RT: 19.837 min Scan# 2080
Delta R.T. -0.014 min
Lab File: BN038018.D
Acq: 06 Oct 2025 20:24

Tgt Ion:244 Resp: 16710
Ion Ratio Lower Upper
244 100
212 9.0 7.6 11.4
122 16.9 13.9 20.9

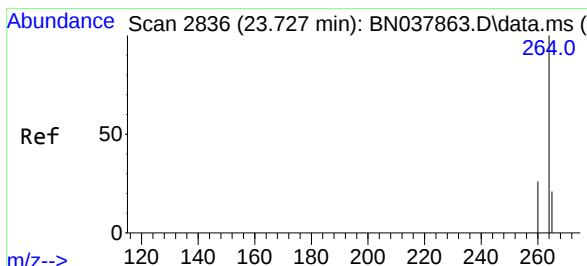
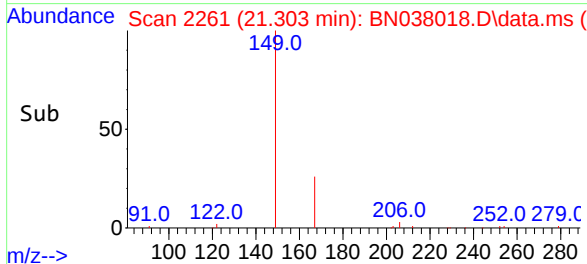
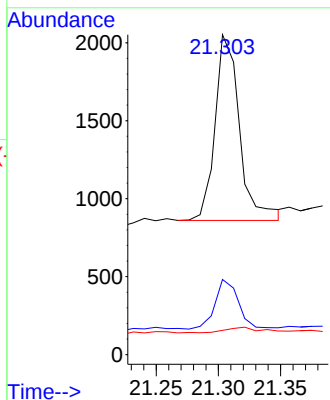
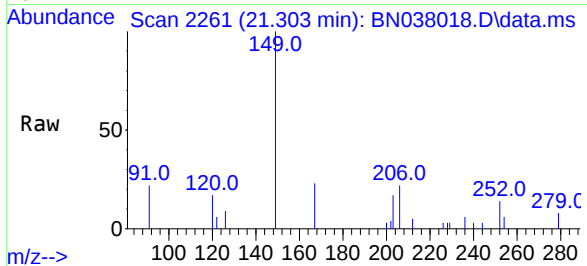




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.082 ng
RT: 21.303 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN038018.D
Acq: 06 Oct 2025 20:24

Instrument :
BNA_N
ClientSampleId :
TT163S1-20250924

Tgt Ion:149 Resp: 1634
Ion Ratio Lower Upper
149 100
167 25.6 20.4 30.6
279 4.5 2.4 3.6#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.709 min Scan# 2830
Delta R.T. -0.018 min
Lab File: BN038018.D
Acq: 06 Oct 2025 20:24

Tgt Ion:264 Resp: 11269
Ion Ratio Lower Upper
264 100
260 27.5 21.5 32.3
265 97.9 53.8 80.6#

