

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
 Data File : BN038025.D
 Acq On : 07 Oct 2025 01:21
 Operator : RC/JU
 Sample : Q3194-15
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB05-20250924

Quant Time: Oct 07 01:54:41 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)

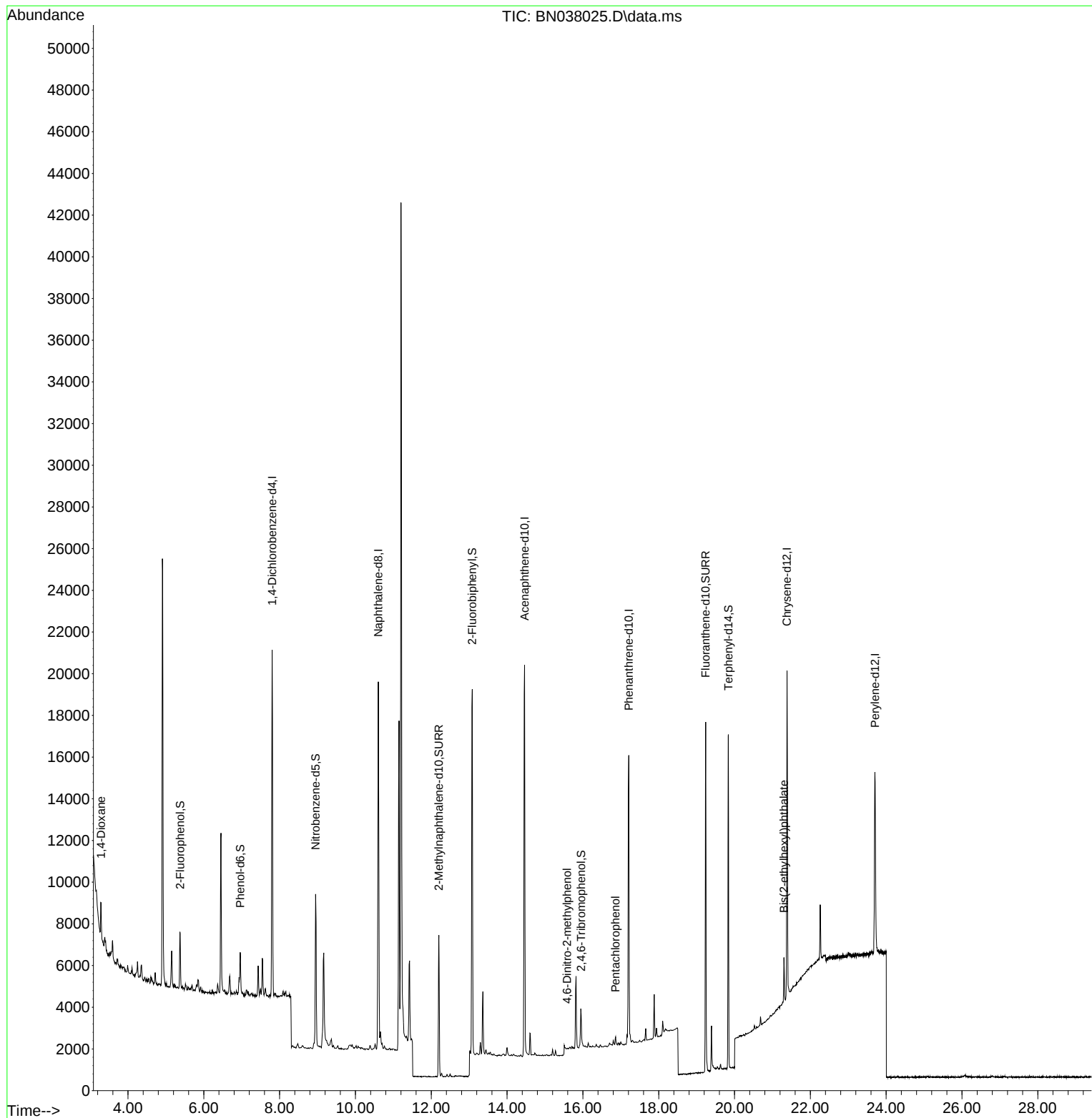
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	7983	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	22693	0.400	ng	-0.02
13) Acenaphthene-d10	14.462	164	11227	0.400	ng	-0.01
19) Phenanthrene-d10	17.211	188	20118	0.400	ng	-0.01
29) Chrysene-d12	21.384	240	14035	0.400	ng	#-0.02
35) Perylene-d12	23.703	264	12346	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	2236	0.123	ng	0.00
5) Phenol-d6	6.959	99	1682	0.070	ng	-0.01
8) Nitrobenzene-d5	8.950	82	5987	0.346	ng	-0.02
11) 2-Methylnaphthalene-d10	12.202	152	9201	0.292	ng	-0.02
14) 2,4,6-Tribromophenol	15.957	330	1148	0.270	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	16445	0.358	ng	-0.01
27) Fluoranthene-d10	19.239	212	17513	0.346	ng	-0.01
31) Terphenyl-d14	19.838	244	14790	0.529	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	903	0.111	ng	# 32
20) 4,6-Dinitro-2-methylph...	15.585	198	10	0.072	ng	# 1
24) Pentachlorophenol	16.863	266	213	0.039	ng	95
34) Bis(2-ethylhexyl)phtha...	21.304	149	2195	0.113	ng	# 95

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

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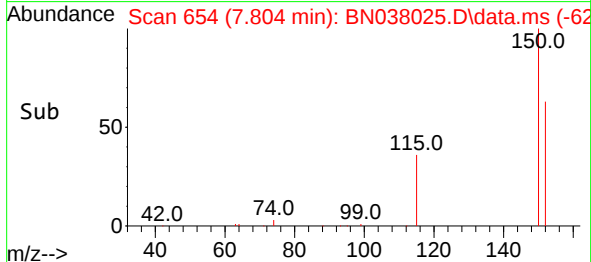
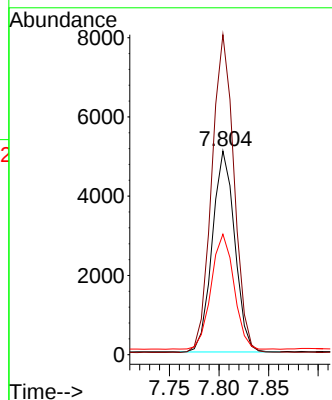
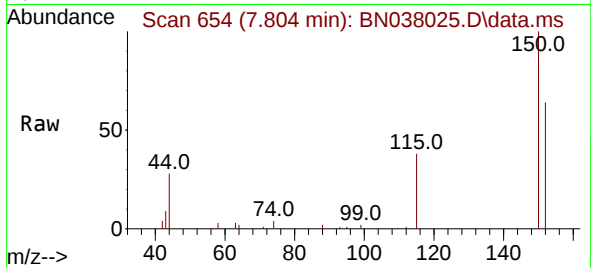




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN038025.D
Acq: 07 Oct 2025 01:21

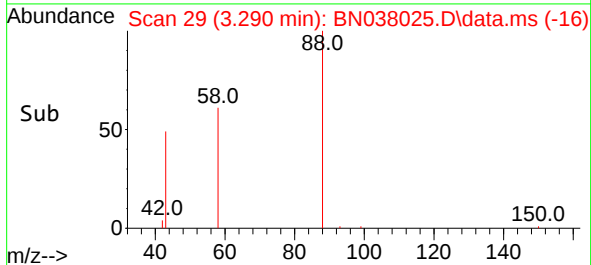
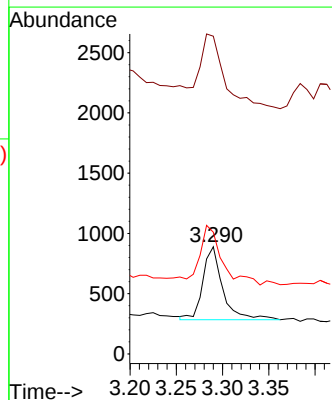
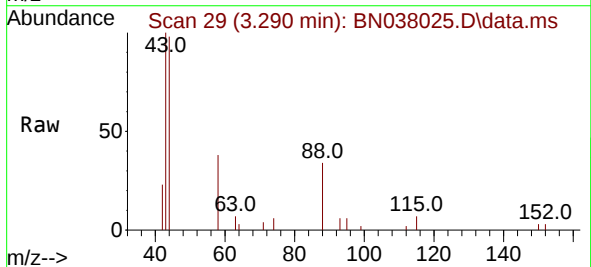
Instrument :
BNA_N
ClientSampleId :
EB05-20250924

Tgt Ion:152 Resp: 7983
Ion Ratio Lower Upper
152 100
150 157.2 121.0 181.4
115 59.2 47.4 71.0



#2
1,4-Dioxane
Concen: 0.111 ng
RT: 3.290 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN038025.D
Acq: 07 Oct 2025 01:21

Tgt Ion: 88 Resp: 903
Ion Ratio Lower Upper
88 100
43 130.3 26.6 39.8#
58 91.1 58.9 88.3#

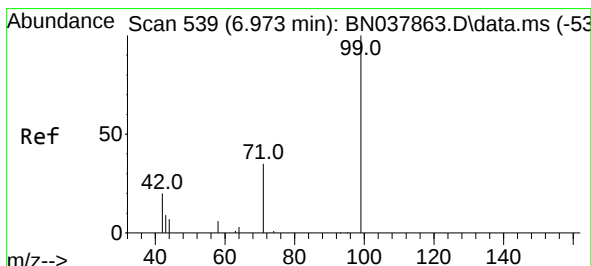
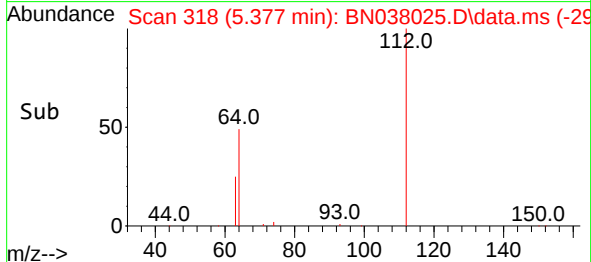
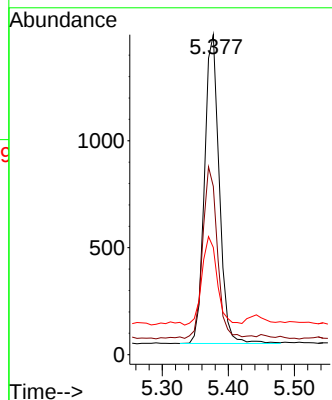
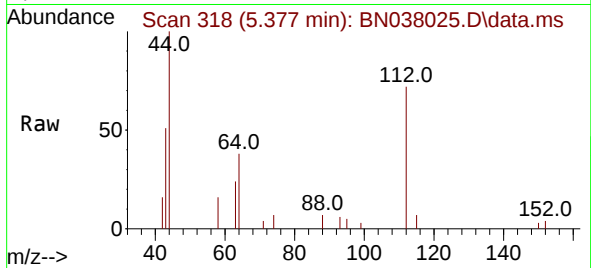




#4
2-Fluorophenol
Concen: 0.123 ng
RT: 5.377 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN038025.D
Acq: 07 Oct 2025 01:21

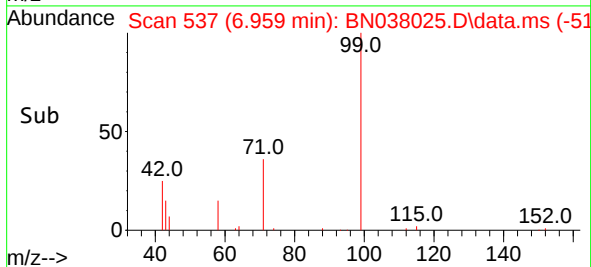
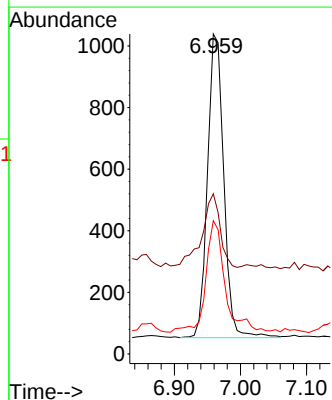
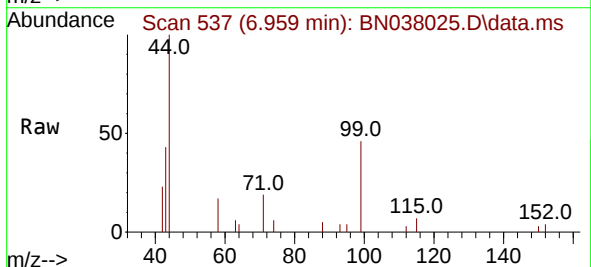
Instrument :
BNA_N
ClientSampleId :
EB05-20250924

Tgt Ion:112 Resp: 2236
Ion Ratio Lower Upper
112 100
64 56.0 44.6 66.8
63 29.9 24.9 37.3



#5
Phenol-d6
Concen: 0.070 ng
RT: 6.959 min Scan# 537
Delta R.T. -0.014 min
Lab File: BN038025.D
Acq: 07 Oct 2025 01:21

Tgt Ion: 99 Resp: 1682
Ion Ratio Lower Upper
99 100
42 27.8 17.2 25.8#
71 43.4 27.3 40.9#

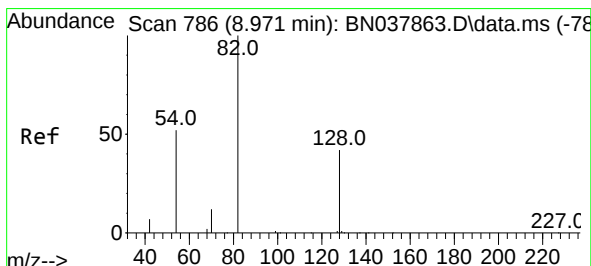
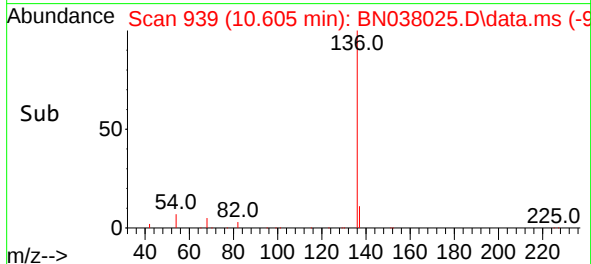
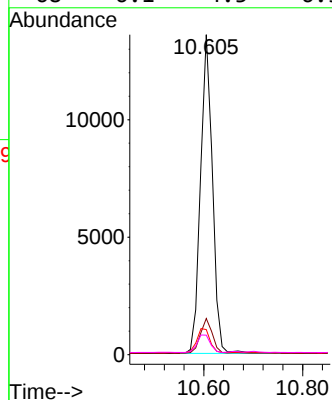
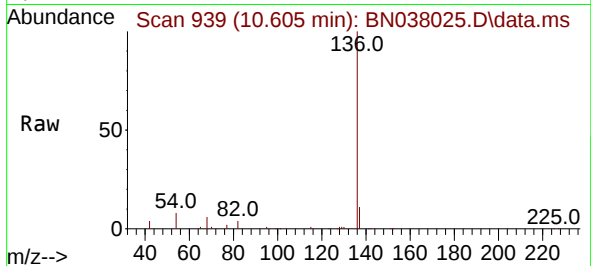




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN038025.D
Acq: 07 Oct 2025 01:21

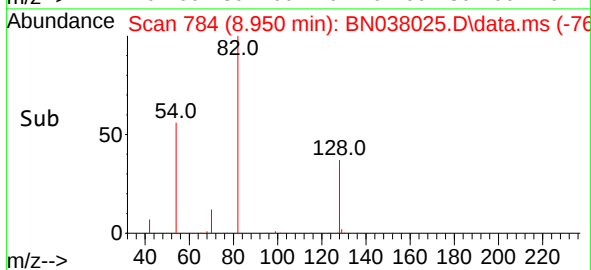
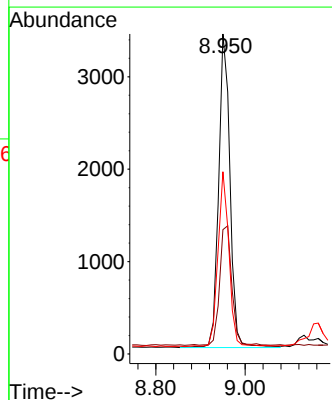
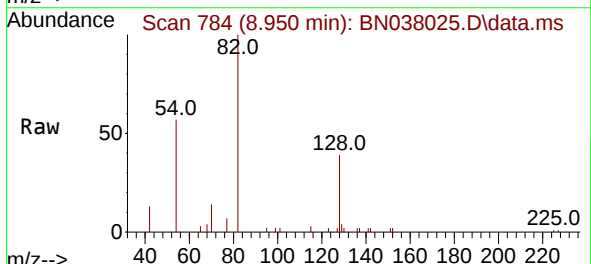
Instrument :
BNA_N
ClientSampleId :
EB05-20250924

Tgt Ion:	136	Resp:	22693
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.4
54	7.8	5.8	8.8
68	6.1	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.346 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.021 min
Lab File: BN038025.D
Acq: 07 Oct 2025 01:21

Tgt Ion:	82	Resp:	5987
Ion Ratio	Lower	Upper	
82	100		
128	38.9	34.8	52.2
54	56.9	42.2	63.2

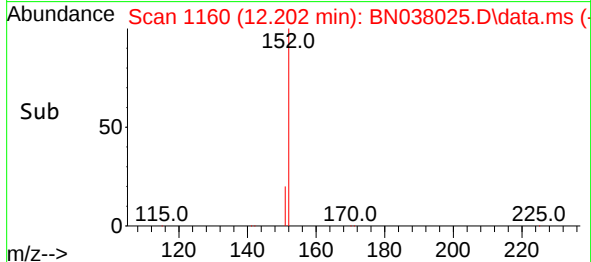
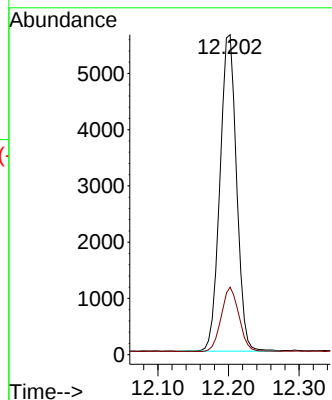
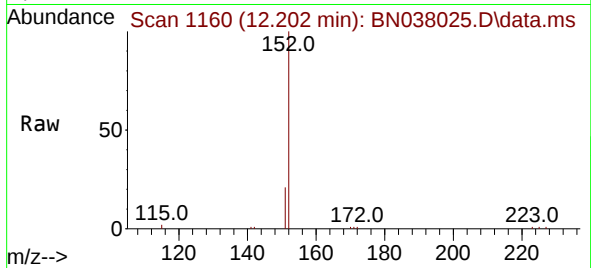




#11
2-Methylnaphthalene-d10
Concen: 0.292 ng
RT: 12.202 min Scan# 1160
Delta R.T. -0.015 min
Lab File: BN038025.D
Acq: 07 Oct 2025 01:21

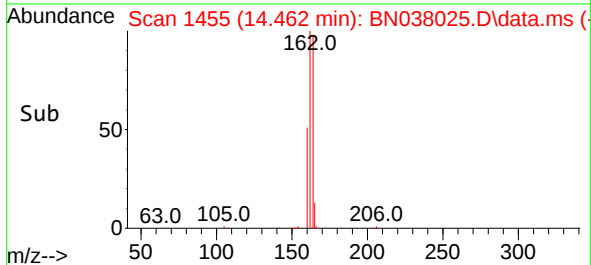
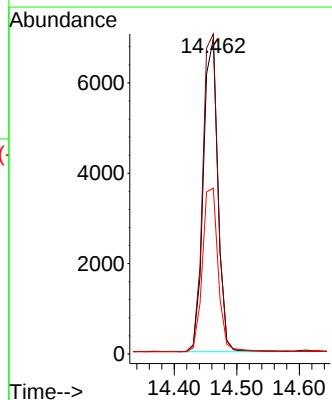
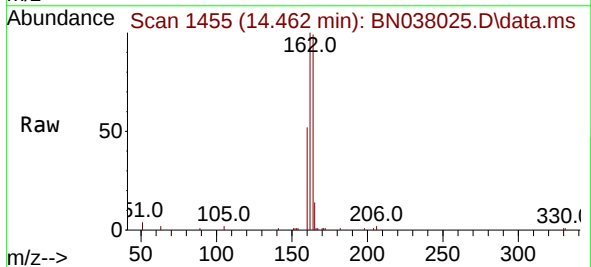
Instrument :
BNA_N
ClientSampleId :
EB05-20250924

Tgt Ion:152 Resp: 9201
Ion Ratio Lower Upper
152 100
151 21.6 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: BN038025.D
Acq: 07 Oct 2025 01:21

Tgt Ion:164 Resp: 11227
Ion Ratio Lower Upper
164 100
162 101.5 84.8 127.2
160 52.6 46.1 69.1

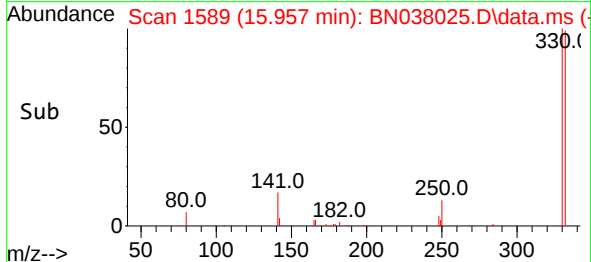
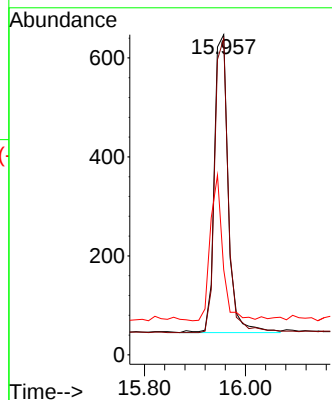
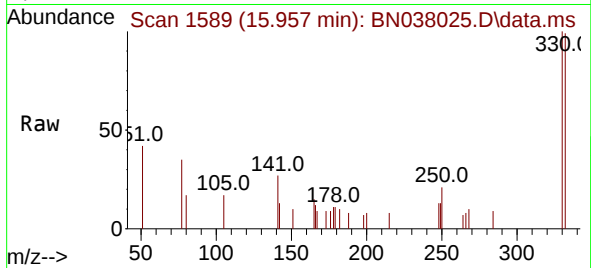




#14
2,4,6-Tribromophenol
Concen: 0.270 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN038025.D
Acq: 07 Oct 2025 01:21

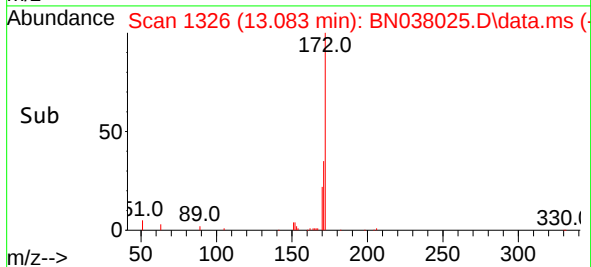
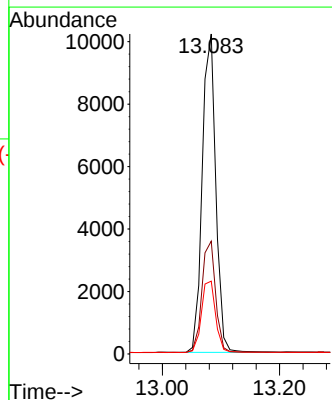
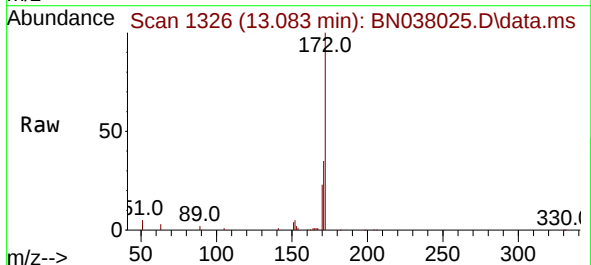
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BNA_N
ClientSampleId :
EB05-20250924

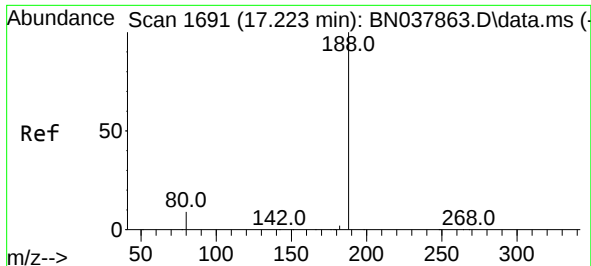
Tgt Ion:330 Resp: 1148
Ion Ratio Lower Upper
330 100
332 96.8 77.2 115.8
141 44.1 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 13.083 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BN038025.D
Acq: 07 Oct 2025 01:21

Tgt Ion:172 Resp: 16445
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 22.7 19.7 29.5

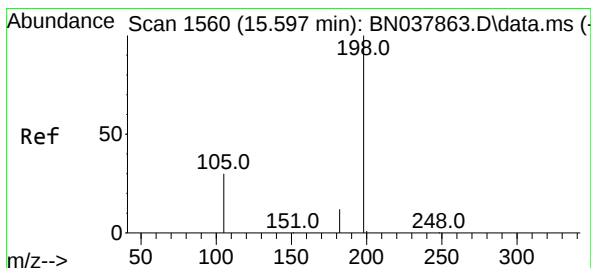
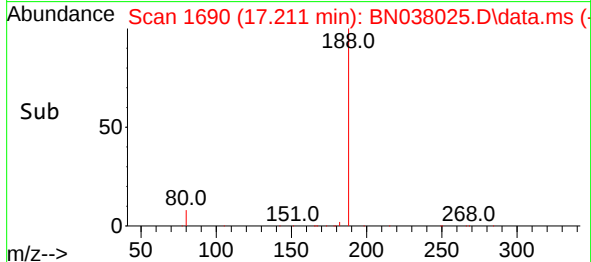
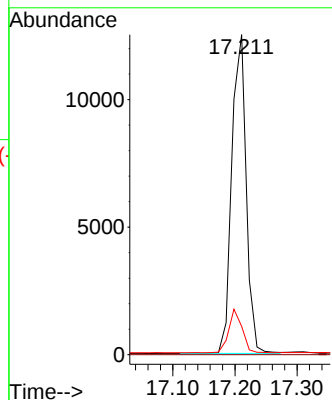
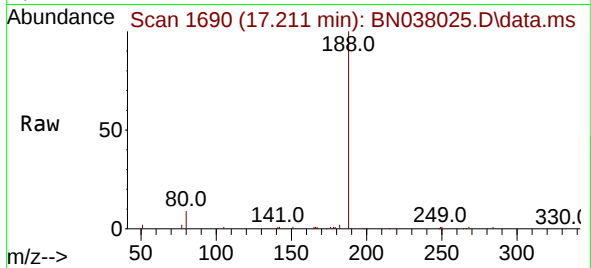




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN038025.D
Acq: 07 Oct 2025 01:21

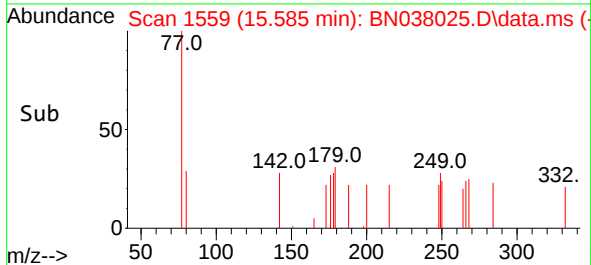
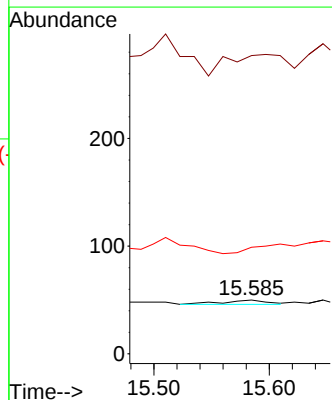
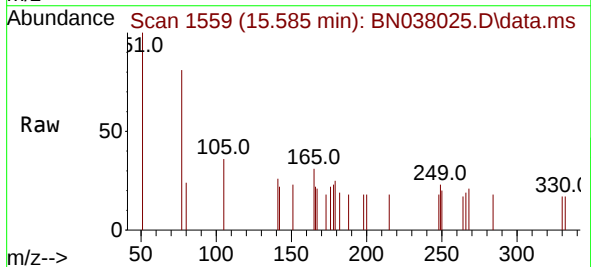
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ClientSampleId :
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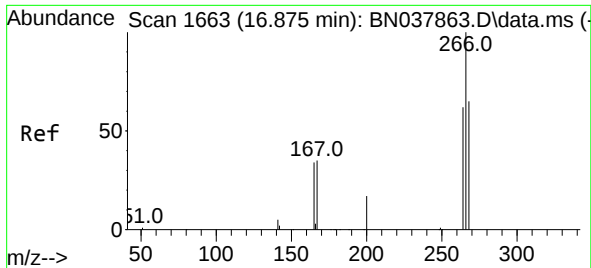
Tgt Ion:188 Resp: 20118
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.9 7.6 11.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.072 ng
RT: 15.585 min Scan# 1559
Delta R.T. -0.012 min
Lab File: BN038025.D
Acq: 07 Oct 2025 01:21

Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
51 554.0 59.1 88.7#
105 198.0 41.3 61.9#

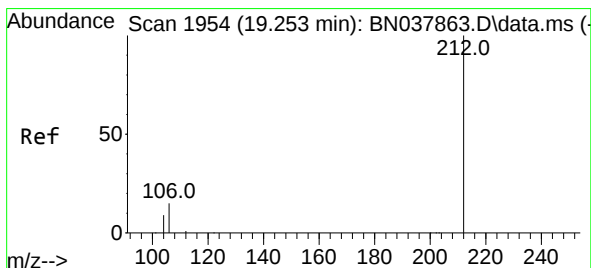
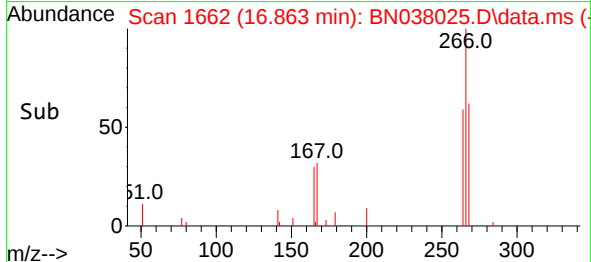
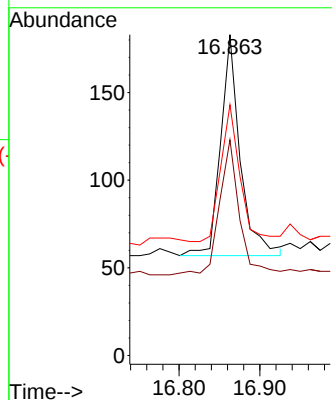
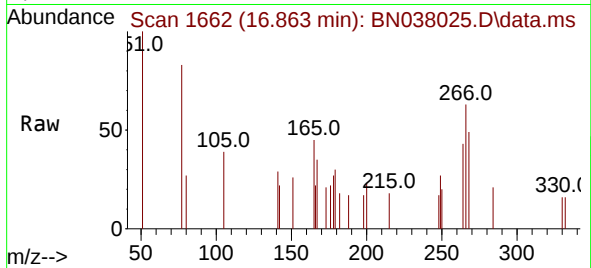




#24
 Pentachlorophenol
 Concen: 0.039 ng
 RT: 16.863 min Scan# 1662
 Delta R.T. -0.012 min
 Lab File: BN038025.D
 Acq: 07 Oct 2025 01:21

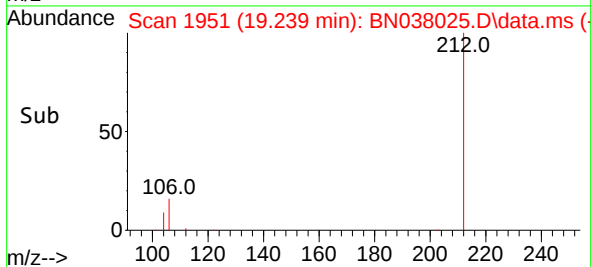
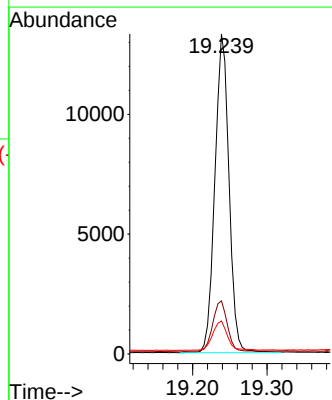
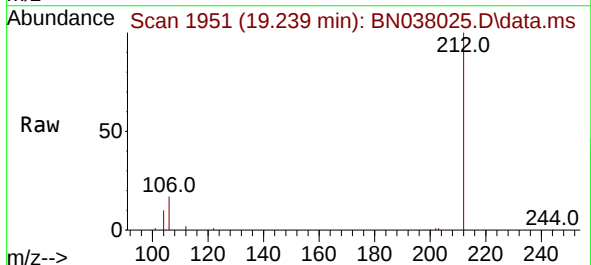
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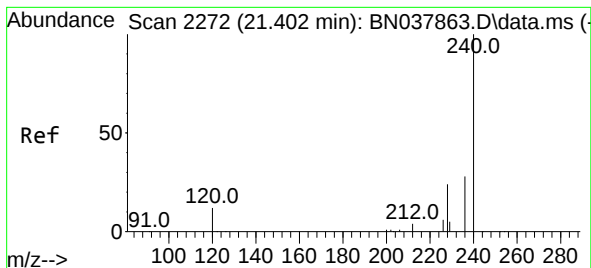
Tgt Ion:266 Resp: 213
 Ion Ratio Lower Upper
 266 100
 264 62.0 50.9 76.3
 268 61.5 54.3 81.5



#27
 Fluoranthene-d10
 Concen: 0.346 ng
 RT: 19.239 min Scan# 1951
 Delta R.T. -0.014 min
 Lab File: BN038025.D
 Acq: 07 Oct 2025 01:21

Tgt Ion:212 Resp: 17513
 Ion Ratio Lower Upper
 212 100
 106 16.3 12.6 19.0
 104 9.5 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: BN038025.D

Acq: 07 Oct 2025 01:21

Instrument :

BNA_N

ClientSampleId :

EB05-20250924

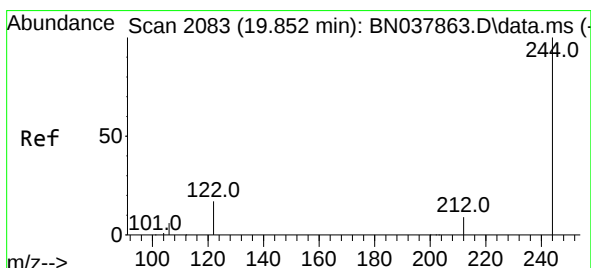
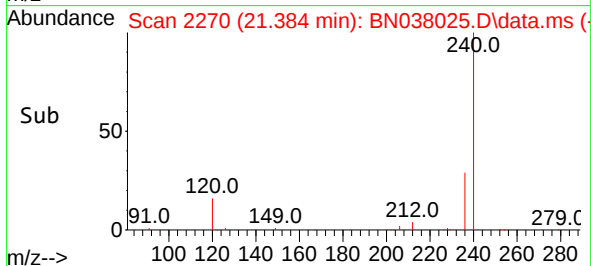
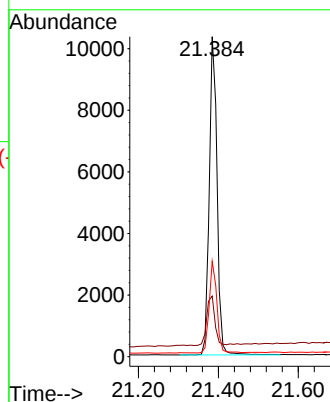
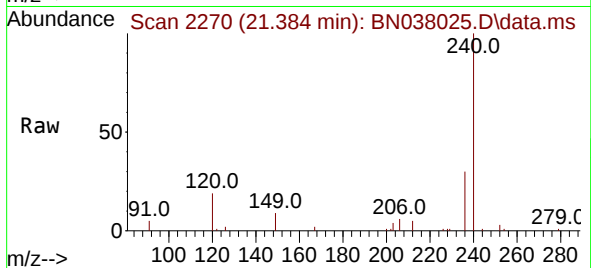
Tgt Ion:240 Resp: 14035

Ion Ratio Lower Upper

240 100

120 19.0 11.4 17.2#

236 29.8 23.0 34.6



#31

Terphenyl-d14

Concen: 0.529 ng

RT: 19.838 min Scan# 2080

Delta R.T. -0.014 min

Lab File: BN038025.D

Acq: 07 Oct 2025 01:21

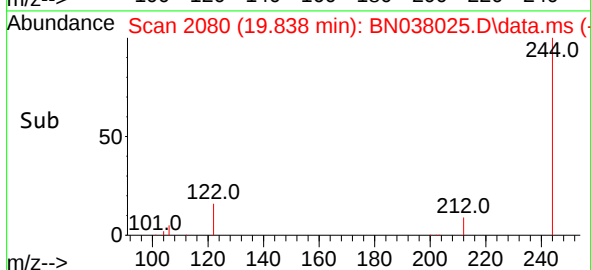
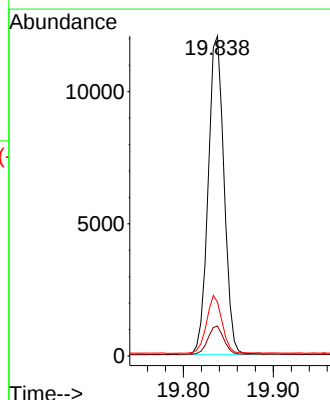
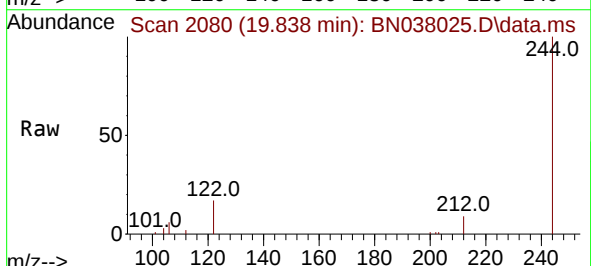
Tgt Ion:244 Resp: 14790

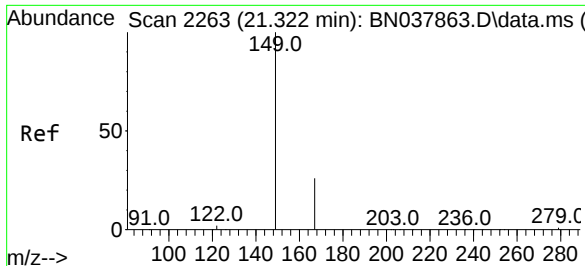
Ion Ratio Lower Upper

244 100

212 9.4 7.6 11.4

122 16.8 13.9 20.9

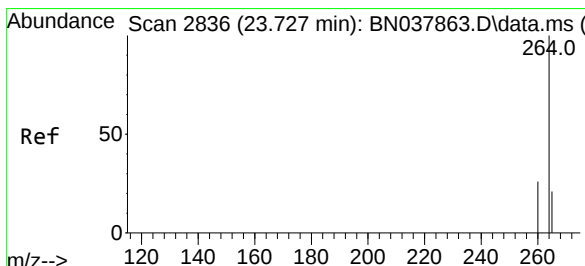
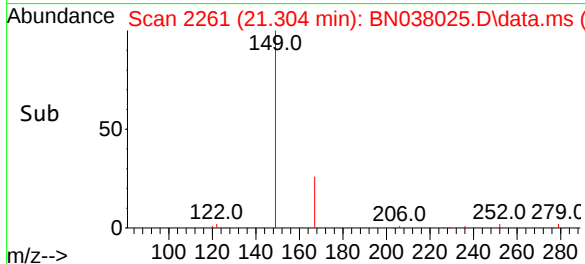
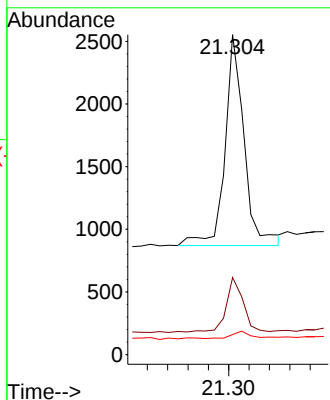
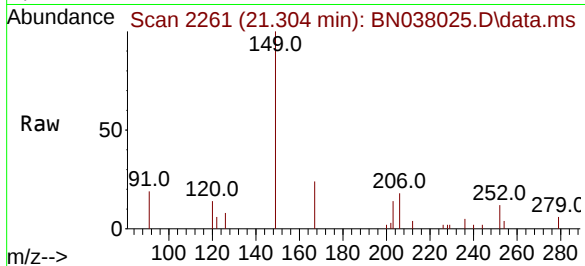




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.113 ng
 RT: 21.304 min Scan# 2195
 Delta R.T. -0.018 min
 Lab File: BN038025.D
 Acq: 07 Oct 2025 01:21

Instrument :
 BNA_N
 ClientSampleId :
 EB05-20250924

Tgt Ion:149 Resp: 2195
 Ion Ratio Lower Upper
 149 100
 167 22.6 20.4 30.6
 279 3.7 2.4 3.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.703 min Scan# 2828
 Delta R.T. -0.023 min
 Lab File: BN038025.D
 Acq: 07 Oct 2025 01:21

Tgt Ion:264 Resp: 12346
 Ion Ratio Lower Upper
 264 100
 260 27.1 21.5 32.3
 265 92.1 53.8 80.6#

