

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100725\
 Data File : BN038047.D
 Acq On : 07 Oct 2025 15:41
 Operator : RC/JU
 Sample : Q3248-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-660-662

Quant Time: Oct 07 17:11:44 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)

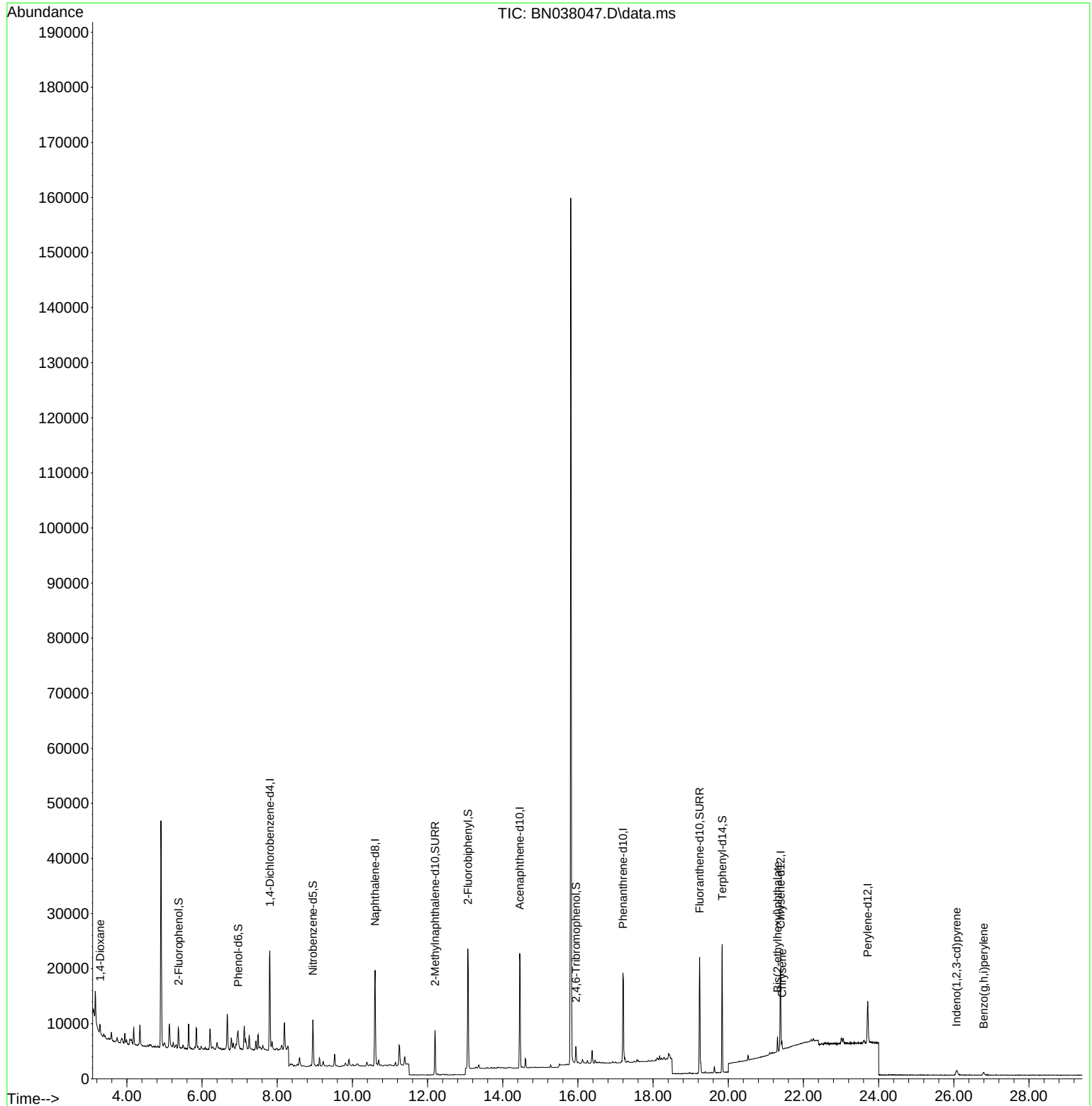
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	7914	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	22866	0.400	ng	-0.02
13) Acenaphthene-d10	14.452	164	12377	0.400	ng	-0.02
19) Phenanthrene-d10	17.198	188	24052	0.400	ng	#-0.02
29) Chrysene-d12	21.393	240	13934	0.400	ng	0.00
35) Perylene-d12	23.709	264	10696	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	2864	0.159	ng	0.00
5) Phenol-d6	6.959	99	2376	0.100	ng	-0.01
8) Nitrobenzene-d5	8.950	82	6210	0.356	ng	-0.02
11) 2-Methylnaphthalene-d10	12.197	152	10942	0.344	ng	-0.02
14) 2,4,6-Tribromophenol	15.945	330	1637	0.349	ng	-0.02
15) 2-Fluorobiphenyl	13.073	172	18912	0.373	ng	-0.02
27) Fluoranthene-d10	19.239	212	23036	0.381	ng	-0.01
31) Terphenyl-d14	19.838	244	20900	0.753	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	1097	0.137	ng	# 60
33) Chrysene	21.429	228	1196	0.023	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.313	149	2923	0.152	ng	# 97
36) Indeno(1,2,3-cd)pyrene	26.075	276	1214	0.025	ng	# 84
41) Benzo(g,h,i)perylene	26.794	276	1042	0.026	ng	# 57

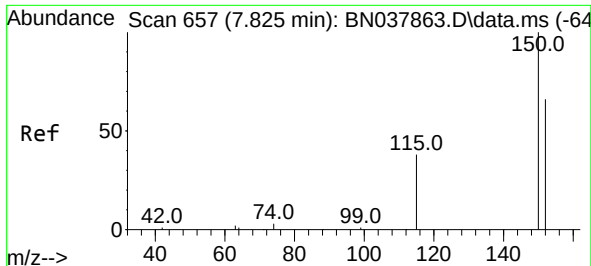
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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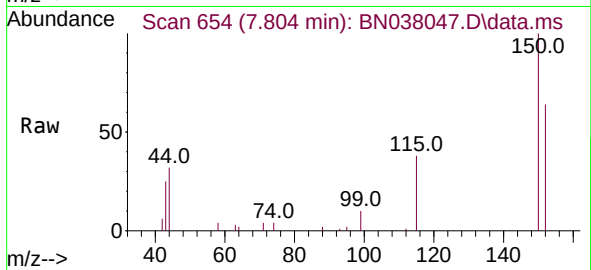
Quant Time: Oct 07 17:11:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
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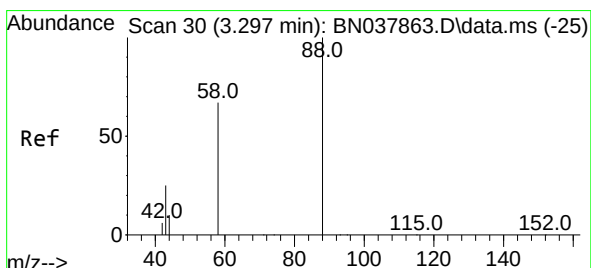
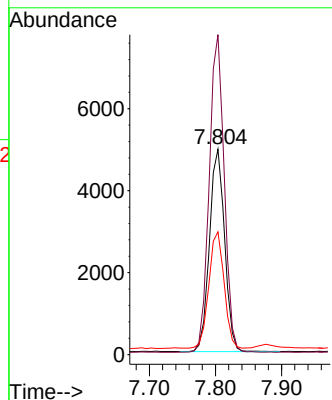
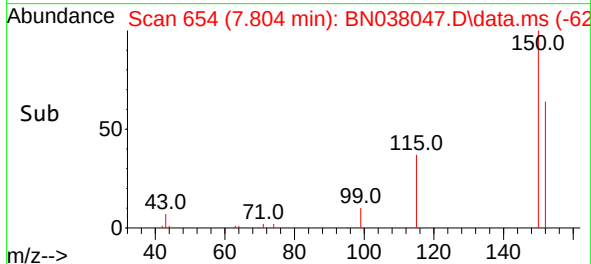


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.804 min Scan# 61
 Delta R.T. -0.021 min
 Lab File: BN038047.D
 Acq: 07 Oct 2025 15:41

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-660-662

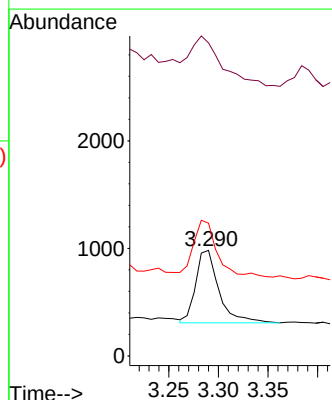
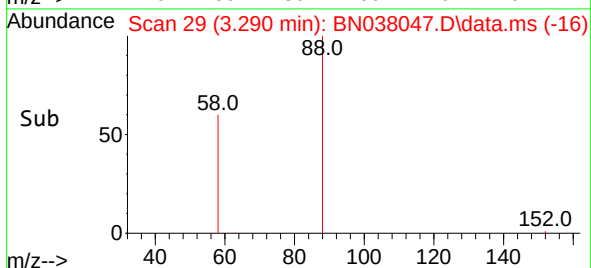
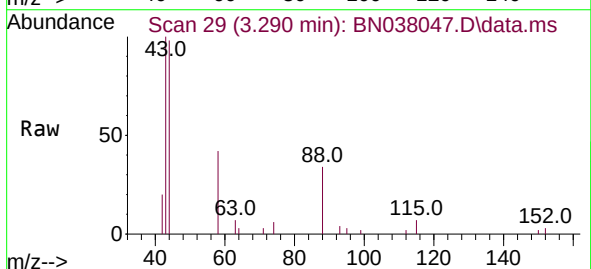


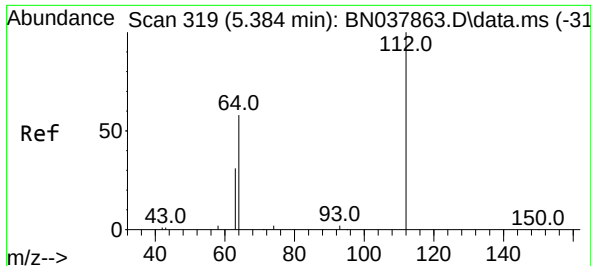
Tgt Ion:152 Resp: 7914
 Ion Ratio Lower Upper
 152 100
 150 155.8 121.0 181.4
 115 59.8 47.4 71.0



#2
 1,4-Dioxane
 Concen: 0.137 ng
 RT: 3.290 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN038047.D
 Acq: 07 Oct 2025 15:41

Tgt Ion: 88 Resp: 1097
 Ion Ratio Lower Upper
 88 100
 43 95.9 26.6 39.8#
 58 79.9 58.9 88.3

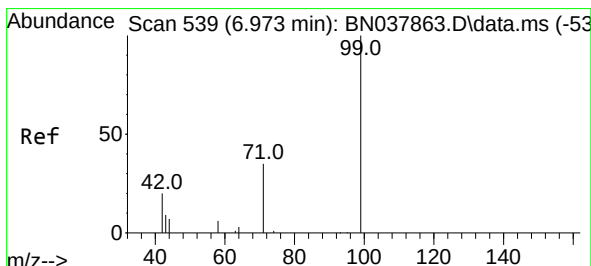
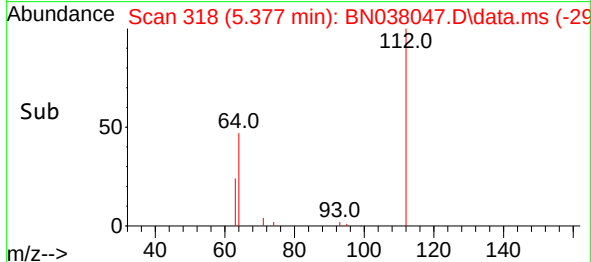
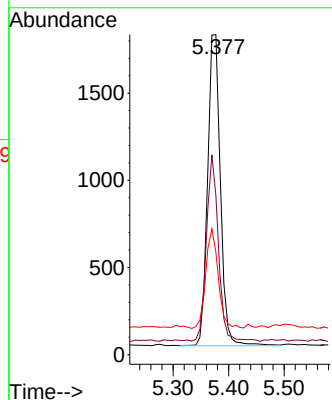
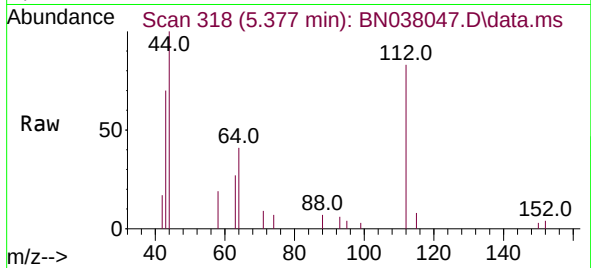




#4
2-Fluorophenol
Concen: 0.159 ng
RT: 5.377 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN038047.D
Acq: 07 Oct 2025 15:41

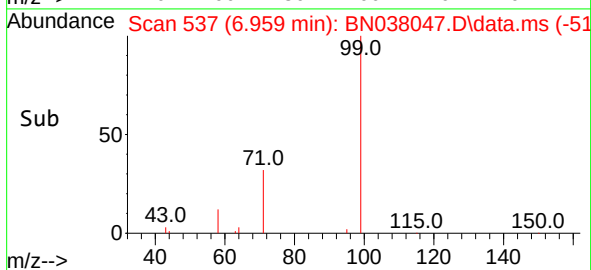
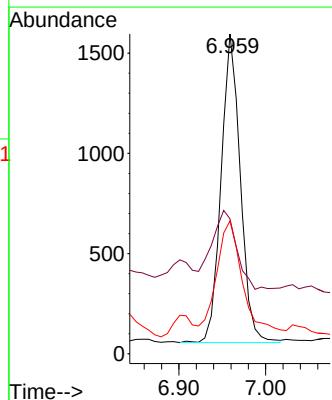
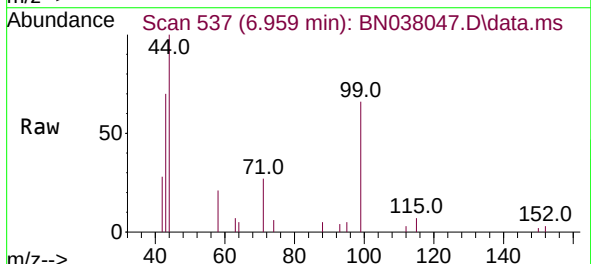
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-660-662

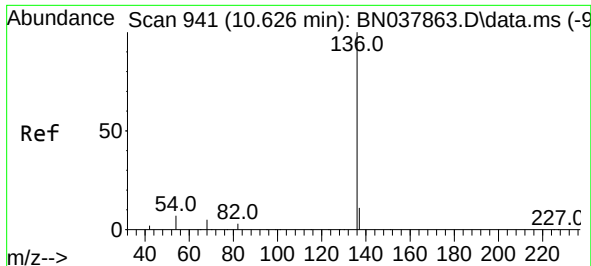
Tgt Ion:112 Resp: 2864
Ion Ratio Lower Upper
112 100
64 56.0 44.6 66.8
63 31.1 24.9 37.3



#5
Phenol-d6
Concen: 0.100 ng
RT: 6.959 min Scan# 537
Delta R.T. -0.014 min
Lab File: BN038047.D
Acq: 07 Oct 2025 15:41

Tgt Ion: 99 Resp: 2376
Ion Ratio Lower Upper
99 100
42 32.4 17.2 25.8#
71 48.9 27.3 40.9#

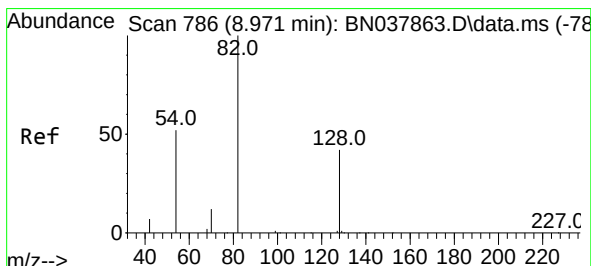
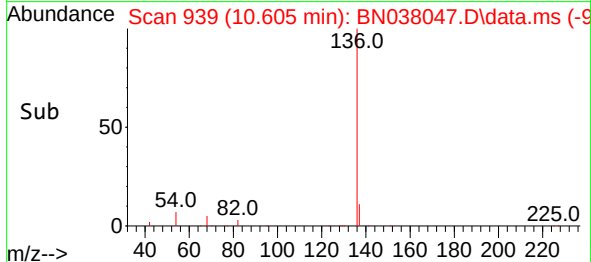
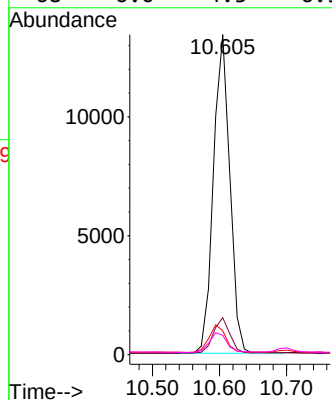
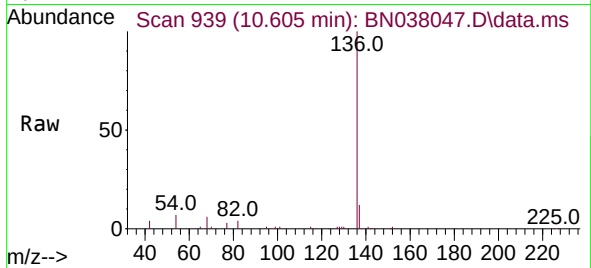




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 941
Delta R.T. -0.021 min
Lab File: BN038047.D
Acq: 07 Oct 2025 15:41

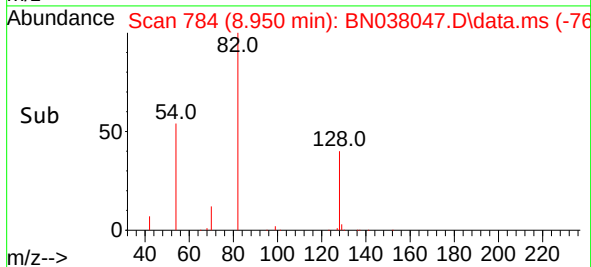
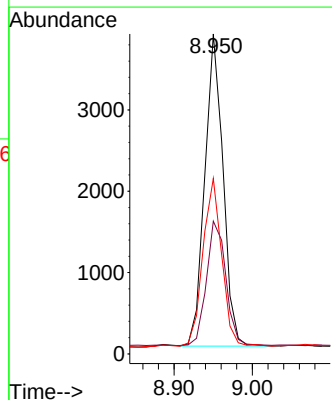
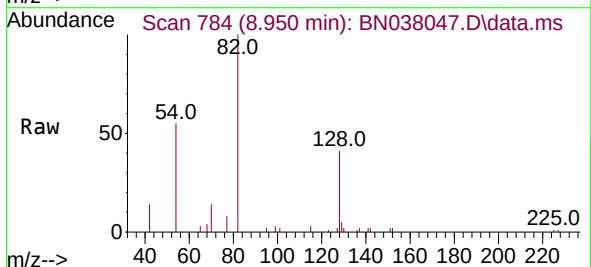
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-660-662

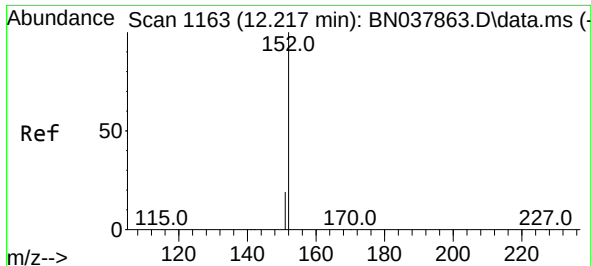
Tgt Ion:	136	Resp:	22866
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.0	13.4
54	7.4	5.8	8.8
68	6.0	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.356 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.021 min
Lab File: BN038047.D
Acq: 07 Oct 2025 15:41

Tgt Ion:	82	Resp:	6210
Ion Ratio	Lower	Upper	
82	100		
128	41.5	34.8	52.2
54	54.8	42.2	63.2

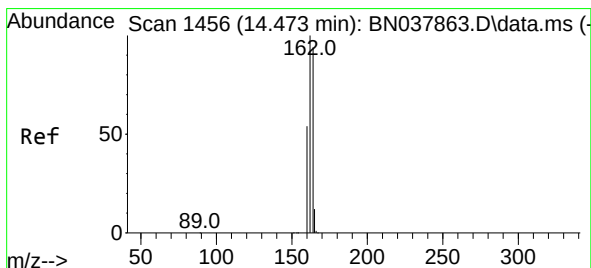
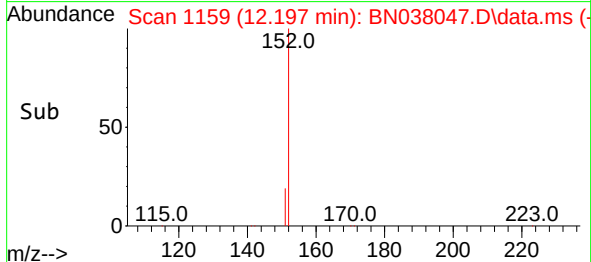
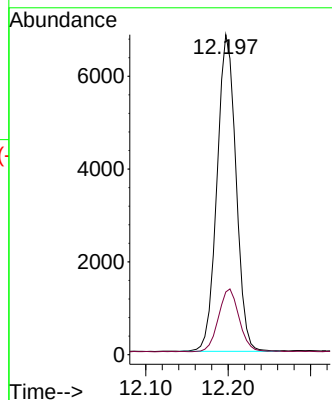
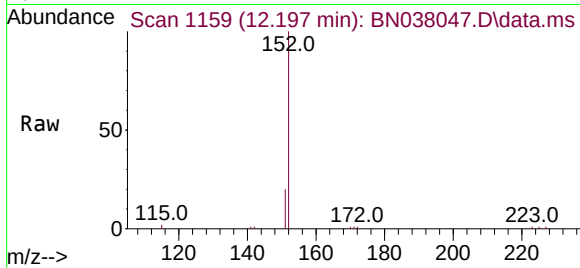




#11
2-Methylnaphthalene-d10
Concen: 0.344 ng
RT: 12.197 min Scan# 1163
Delta R.T. -0.020 min
Lab File: BN038047.D
Acq: 07 Oct 2025 15:41

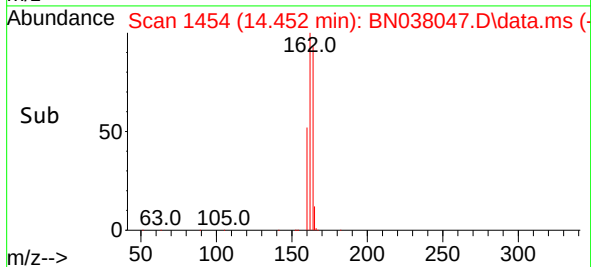
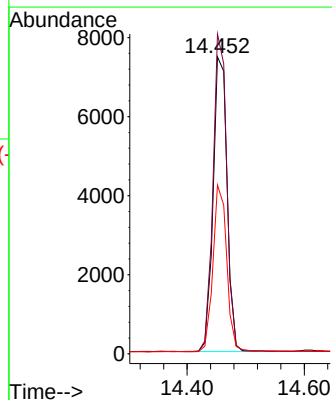
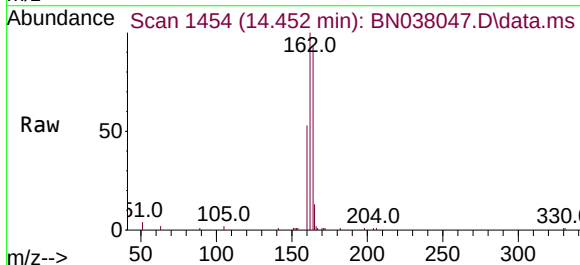
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-660-662

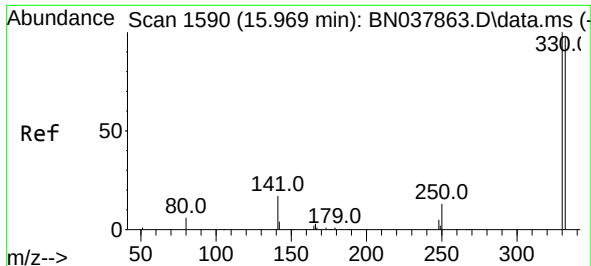
Tgt Ion:152 Resp: 10942
Ion Ratio Lower Upper
152 100
151 21.5 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.452 min Scan# 1454
Delta R.T. -0.021 min
Lab File: BN038047.D
Acq: 07 Oct 2025 15:41

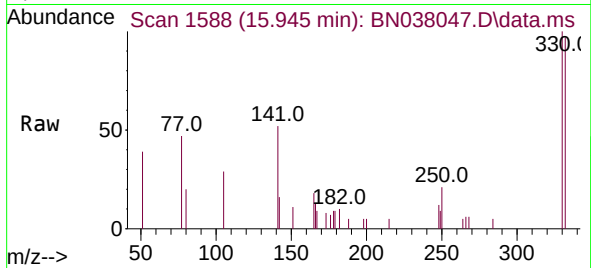
Tgt Ion:164 Resp: 12377
Ion Ratio Lower Upper
164 100
162 107.7 84.8 127.2
160 56.8 46.1 69.1



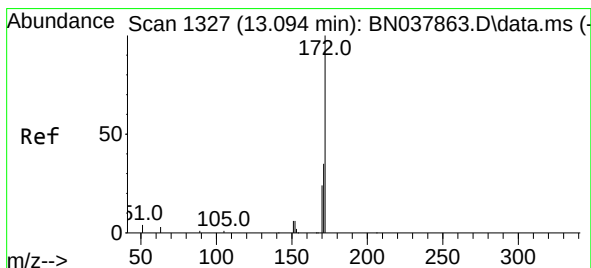
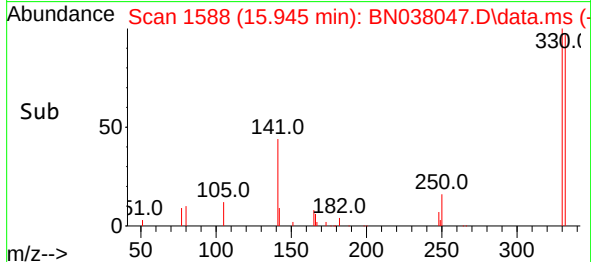
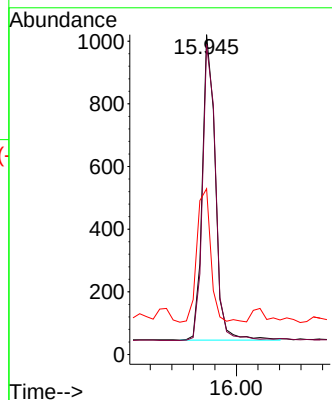


#14
 2,4,6-Tribromophenol
 Concen: 0.349 ng
 RT: 15.945 min Scan# 11
 Delta R.T. -0.024 min
 Lab File: BN038047.D
 Acq: 07 Oct 2025 15:41

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-660-662

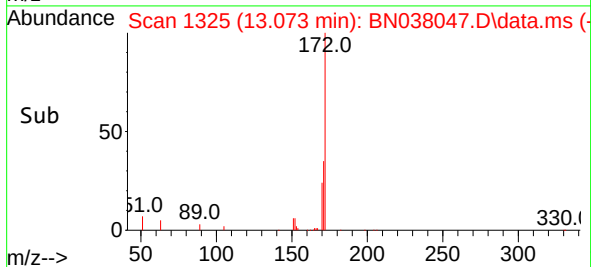
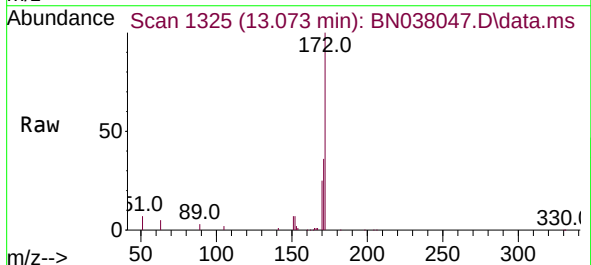
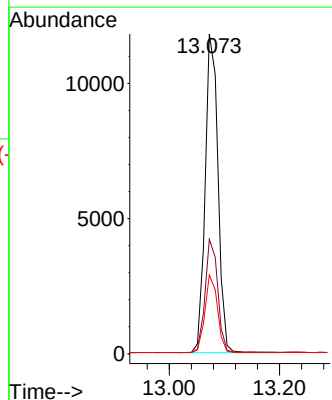


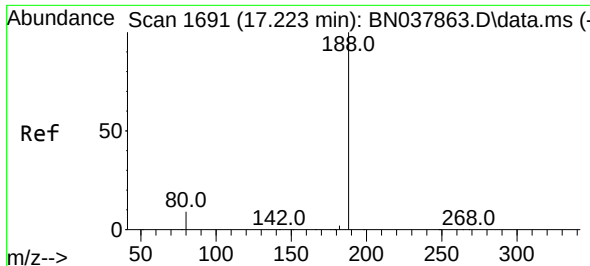
Tgt Ion:330 Resp: 1637
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.2 115.8
 141 46.5 37.2 55.8



#15
 2-Fluorobiphenyl
 Concen: 0.373 ng
 RT: 13.073 min Scan# 1325
 Delta R.T. -0.021 min
 Lab File: BN038047.D
 Acq: 07 Oct 2025 15:41

Tgt Ion:172 Resp: 18912
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 24.6 19.7 29.5

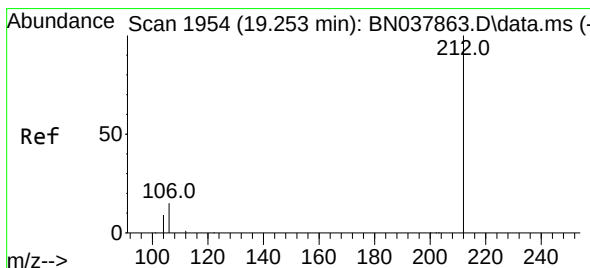
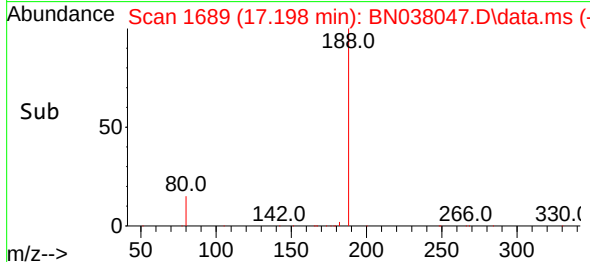
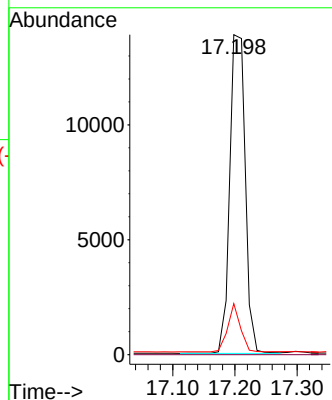
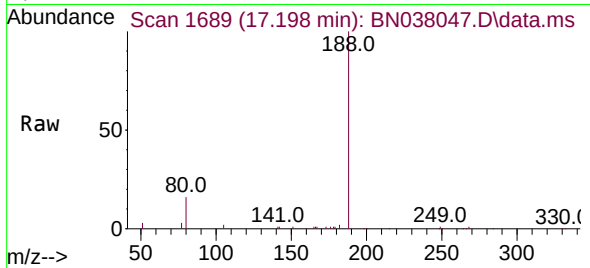




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.198 min Scan# 1689
Delta R.T. -0.025 min
Lab File: BN038047.D
Acq: 07 Oct 2025 15:41

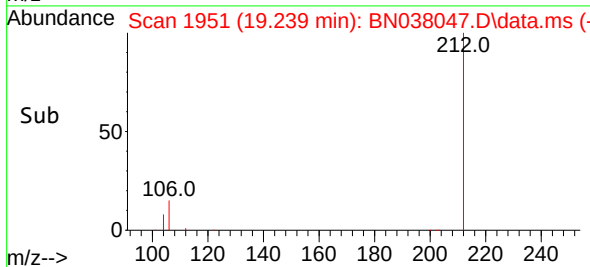
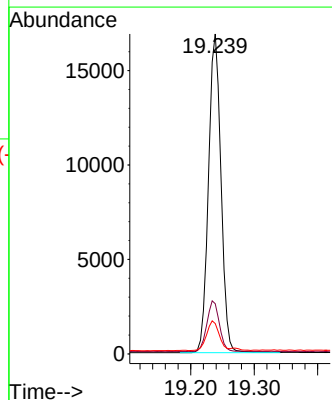
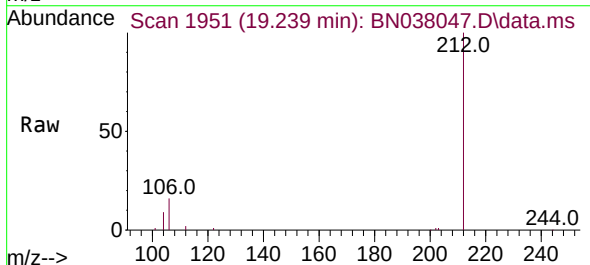
Instrument :
BNA_N
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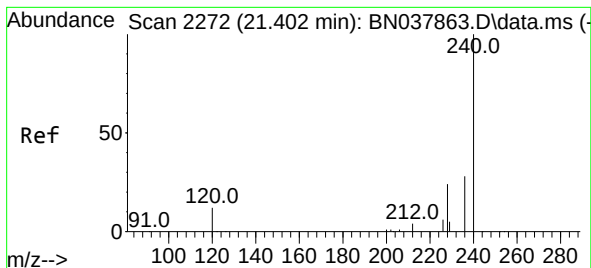
Tgt Ion:188 Resp: 24052
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.9 7.6 11.4#



#27
Fluoranthene-d10
Concen: 0.381 ng
RT: 19.239 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038047.D
Acq: 07 Oct 2025 15:41

Tgt Ion:212 Resp: 23036
Ion Ratio Lower Upper
212 100
106 16.0 12.6 19.0
104 9.4 7.4 11.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.393 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN038047.D

Acq: 07 Oct 2025 15:41

Instrument :

BNA_N

ClientSampleId :

BP-VPB-184-GW-660-662

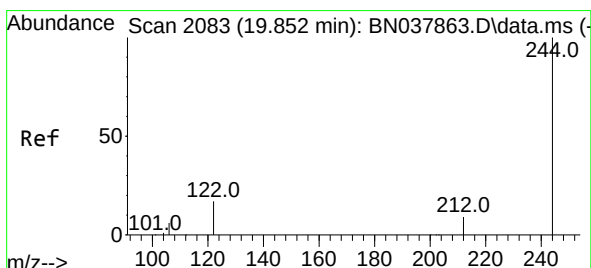
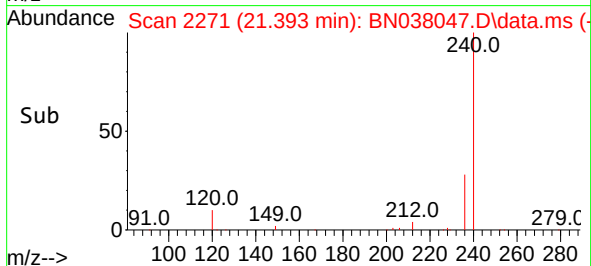
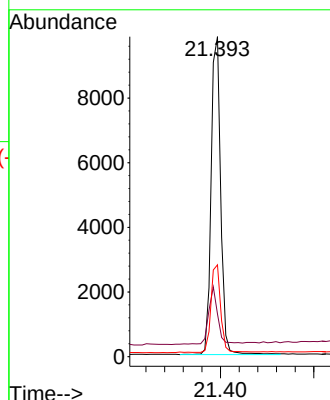
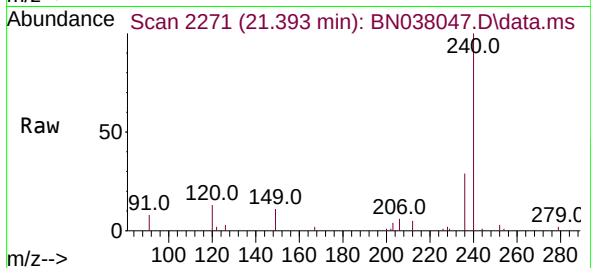
Tgt Ion:240 Resp: 13934

Ion Ratio Lower Upper

240 100

120 13.3 11.4 17.2

236 28.7 23.0 34.6



#31

Terphenyl-d14

Concen: 0.753 ng

RT: 19.838 min Scan# 2080

Delta R.T. -0.014 min

Lab File: BN038047.D

Acq: 07 Oct 2025 15:41

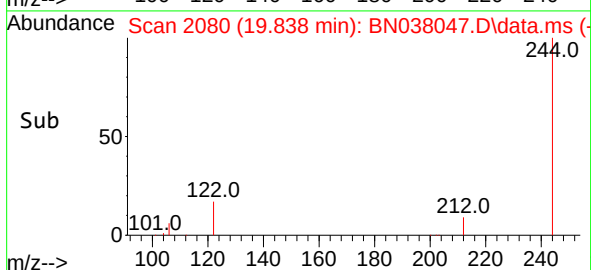
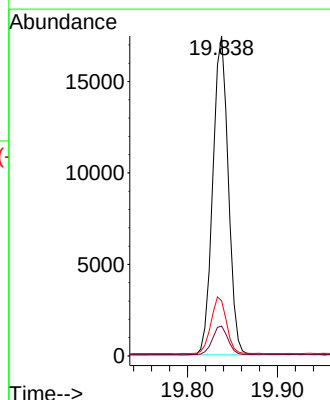
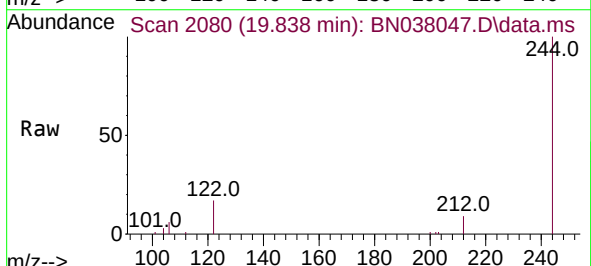
Tgt Ion:244 Resp: 20900

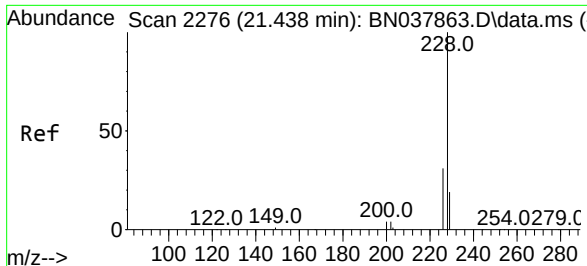
Ion Ratio Lower Upper

244 100

212 9.3 7.6 11.4

122 17.2 13.9 20.9

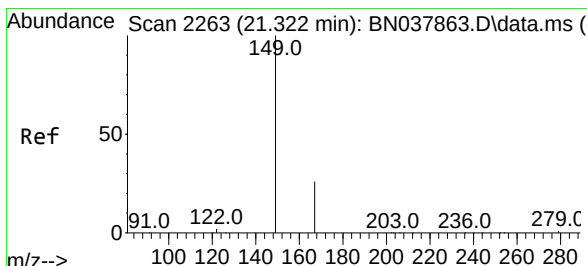
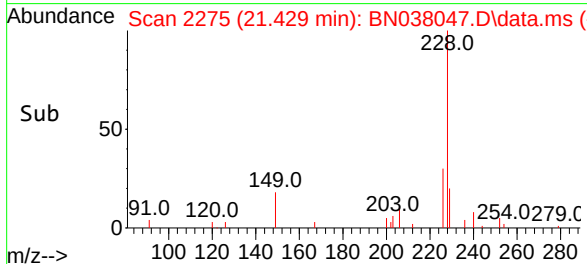
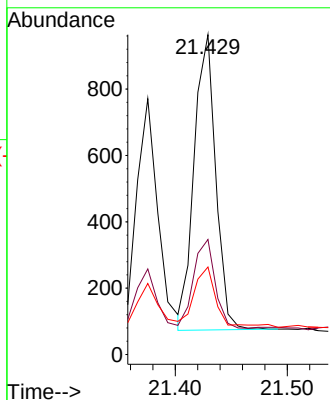
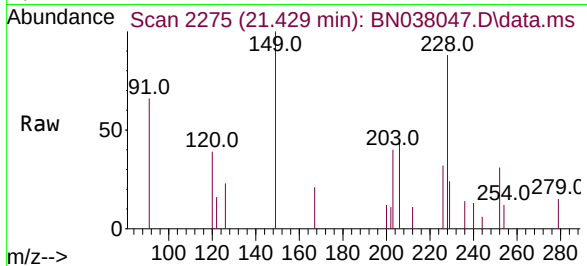




#33
Chrysene
Concen: 0.023 ng
RT: 21.429 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038047.D
Acq: 07 Oct 2025 15:41

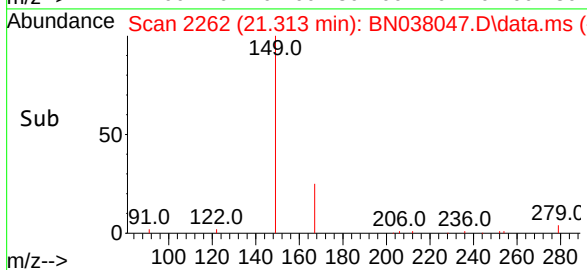
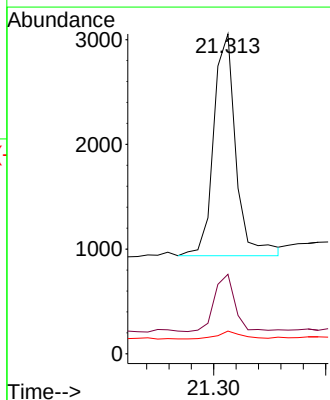
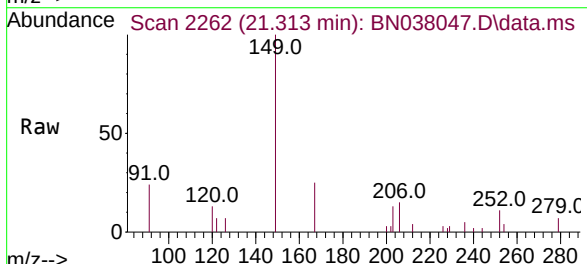
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-660-662

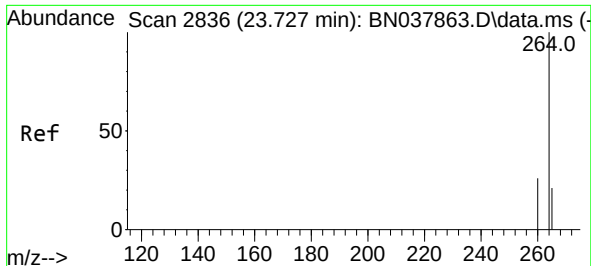
Tgt Ion:228 Resp: 1196
Ion Ratio Lower Upper
228 100
226 36.0 24.6 37.0
229 27.4 15.6 23.4#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.152 ng
RT: 21.313 min Scan# 2262
Delta R.T. -0.009 min
Lab File: BN038047.D
Acq: 07 Oct 2025 15:41

Tgt Ion:149 Resp: 2923
Ion Ratio Lower Upper
149 100
167 23.7 20.4 30.6
279 3.8 2.4 3.6#

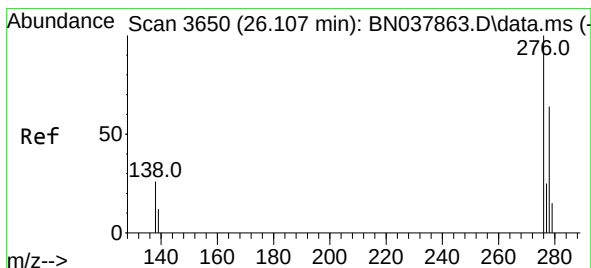
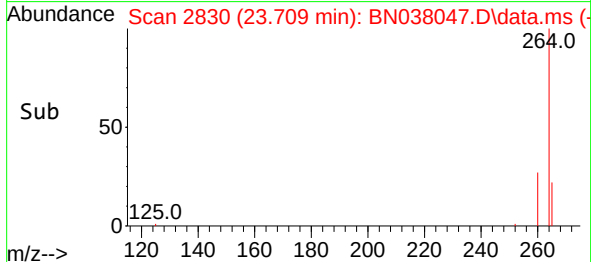
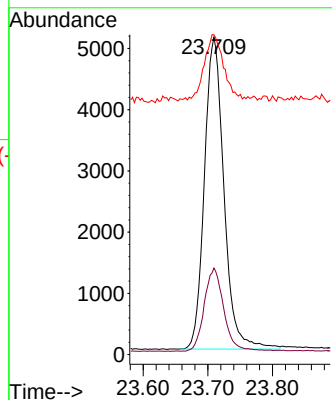
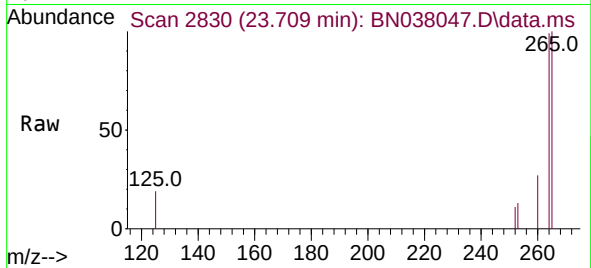




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.709 min Scan# 2830
 Delta R.T. -0.018 min
 Lab File: BN038047.D
 Acq: 07 Oct 2025 15:41

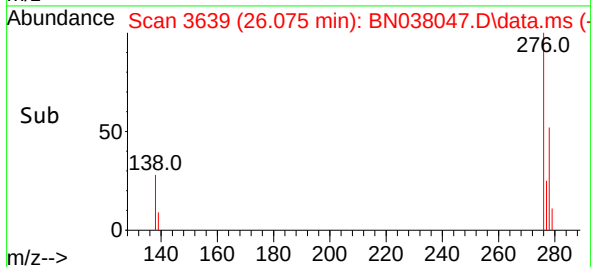
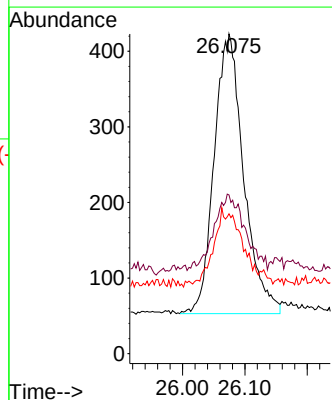
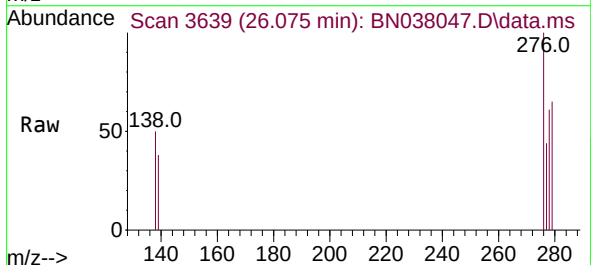
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-660-662

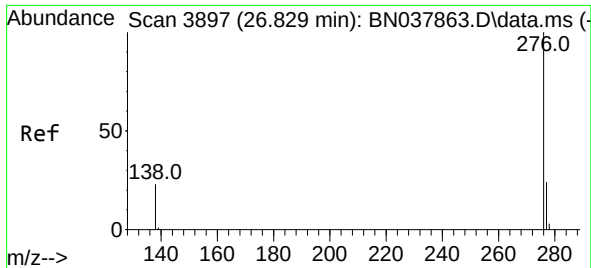
Tgt Ion:264 Resp: 10696
 Ion Ratio Lower Upper
 264 100
 260 27.3 21.5 32.3
 265 100.8 53.8 80.6#



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.025 ng
 RT: 26.075 min Scan# 3639
 Delta R.T. -0.032 min
 Lab File: BN038047.D
 Acq: 07 Oct 2025 15:41

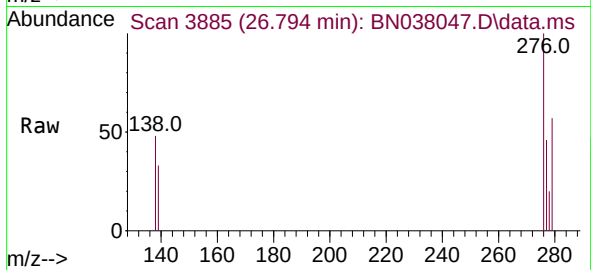
Tgt Ion:276 Resp: 1214
 Ion Ratio Lower Upper
 276 100
 138 28.4 21.4 32.0
 277 10.7 20.3 30.5#





#41
Benzo(g,h,i)perylene
Concen: 0.026 ng
RT: 26.794 min Scan# 3897
Delta R.T. -0.035 min
Lab File: BN038047.D
Acq: 07 Oct 2025 15:41

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-660-662



Tgt Ion:276 Resp: 1042
Ion Ratio Lower Upper
276 100
277 45.7 20.2 30.4#
138 48.0 19.8 29.8#

