

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
 Data File : BN037277.D
 Acq On : 15 Jun 2025 00:54
 Operator : RC/JU
 Sample : Q2314-06
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VPB182-HYD-20250612

Quant Time: Jun 16 05:33:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 13 18:43:34 2025
 Response via : Initial Calibration

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

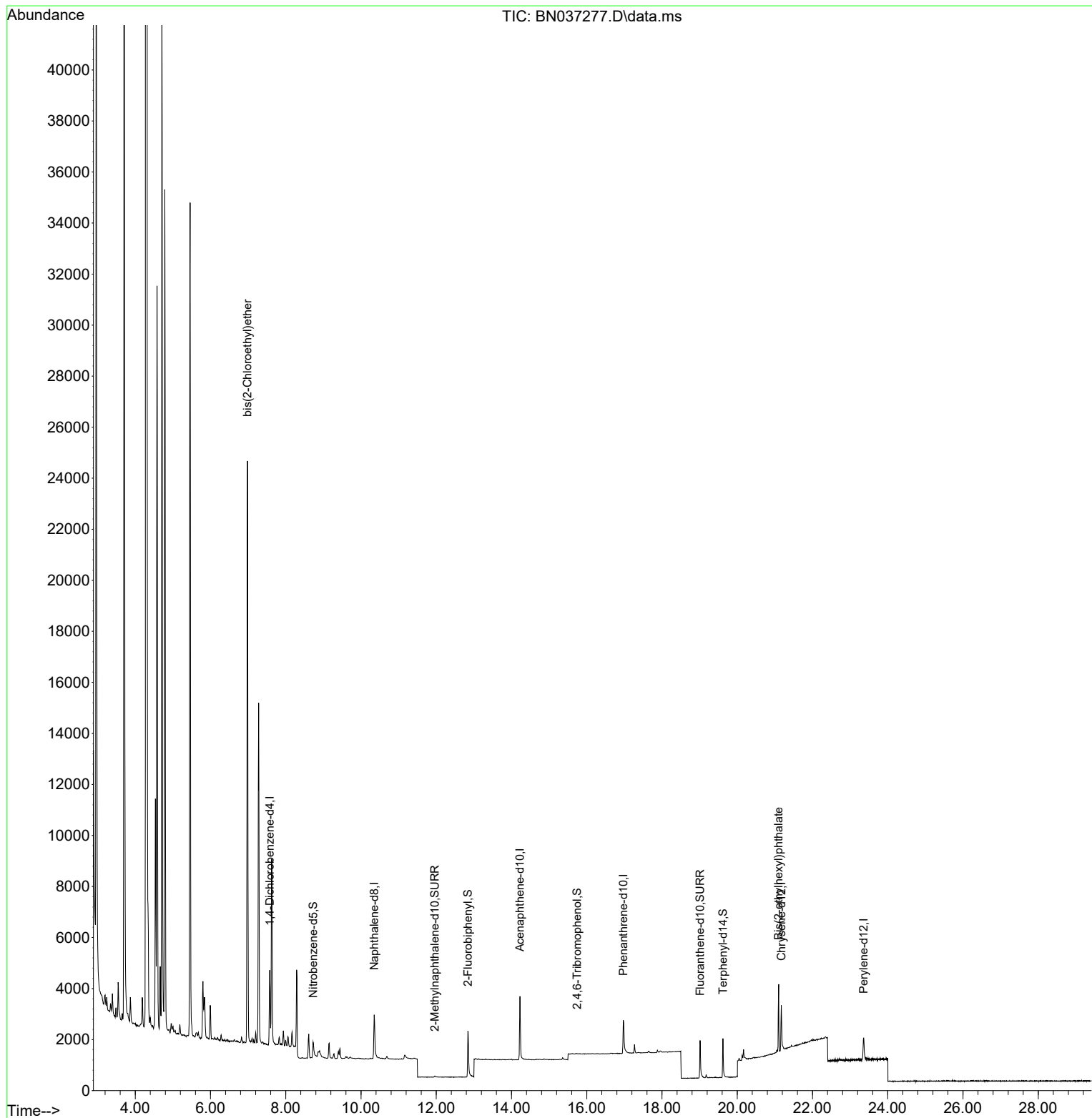
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	1176	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	2844	0.400	ng	#-0.01
13) Acenaphthene-d10	14.224	164	1497	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	2633	0.400	ng	0.00
29) Chrysene-d12	21.171	240	1998	0.400	ng	0.00
35) Perylene-d12	23.360	264	1328	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	23	0.008	ng	0.00
5) Phenol-d6	0.000	99	0d	0.000	ng	
8) Nitrobenzene-d5	8.728	82	775	0.276	ng	0.00
11) 2-Methylnaphthalene-d10	11.960	152	102	0.027	ng	0.00
14) 2,4,6-Tribromophenol	15.742	330	17	0.027	ng	0.01
15) 2-Fluorobiphenyl	12.843	172	2056	0.327	ng	0.00
27) Fluoranthene-d10	19.012	212	2003	0.291	ng	0.00
31) Terphenyl-d14	19.621	244	1791	0.397	ng	0.00
Target Compounds						
6) bis(2-Chloroethyl)ether	6.983	93	10173	3.731	ng	# 37
34) Bis(2-ethylhexyl)phtha...	21.099	149	2175	0.433	ng	100

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

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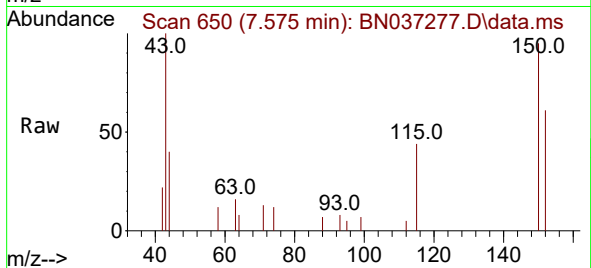
Quant Time: Jun 16 05:33:45 2025
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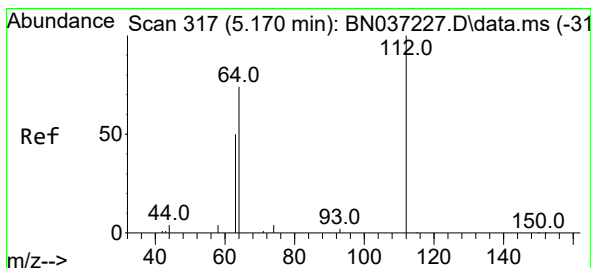
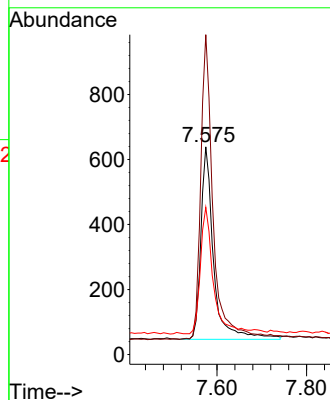
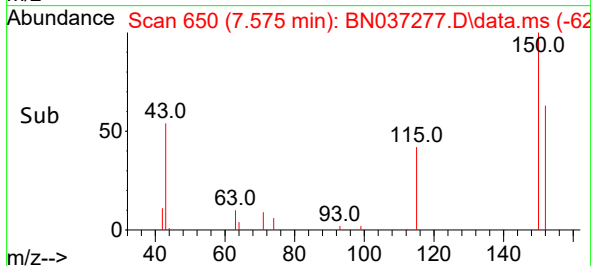


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.575 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN037277.D
Acq: 15 Jun 2025 00:54

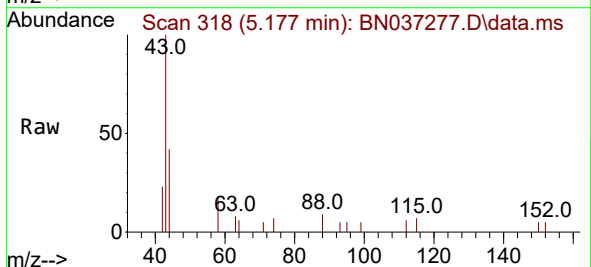
Instrument :
BNA_N
ClientSampleId :
VPB182-HYD-20250612



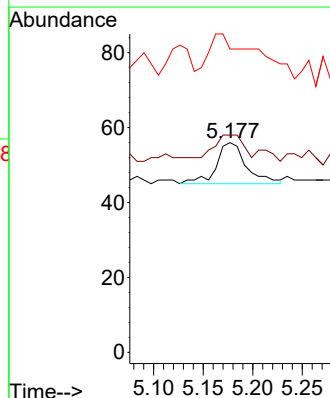
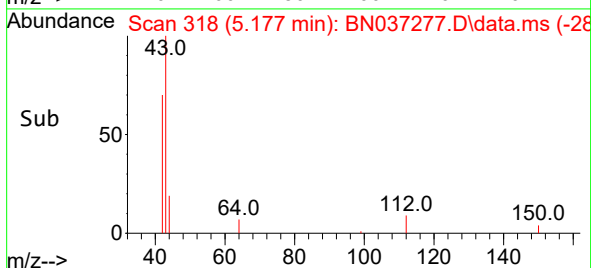
Tgt Ion:152 Resp: 1176
Ion Ratio Lower Upper
152 100
150 154.0 125.2 187.8
115 70.9 58.4 87.6

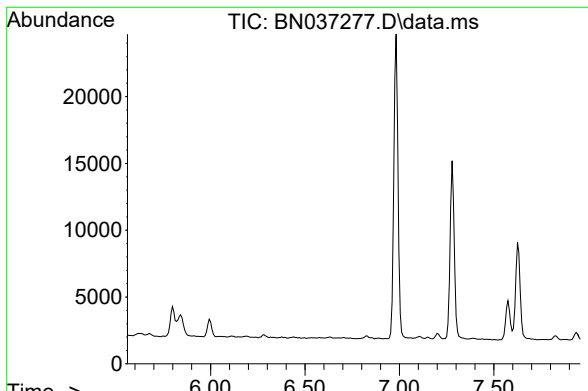


#4
2-Fluorophenol
Concen: 0.008 ng
RT: 5.177 min Scan# 318
Delta R.T. 0.007 min
Lab File: BN037277.D
Acq: 15 Jun 2025 00:54



Tgt Ion:112 Resp: 23
Ion Ratio Lower Upper
112 100
64 56.5 57.2 85.8#
63 69.6 39.8 59.6#

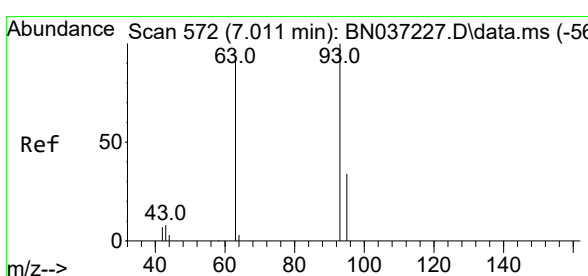
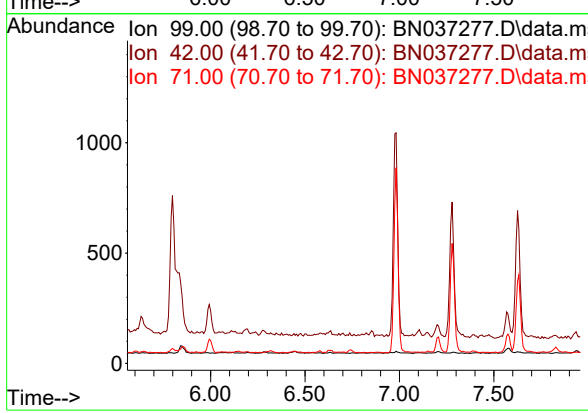




#5
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.76 min
 Lab File: BN037277.D
 Acq: 15 Jun 2025 00:54

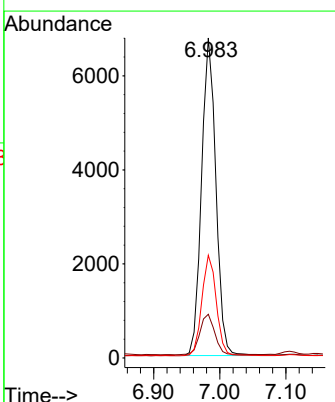
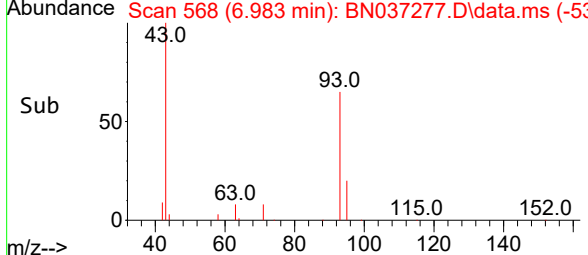
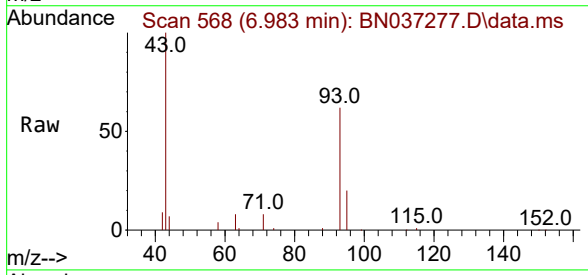
Instrument :
 BNA_N
 ClientSampleId :
 VPB182-HYD-20250612

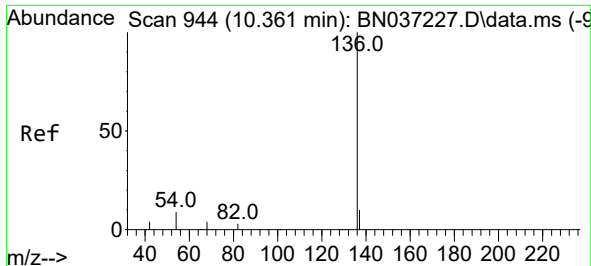
Tgt Ion: 99
 Sig Exp Ratio
 99 100
 42 45.3
 71 53.0



#6
 bis(2-Chloroethyl)ether
 Concen: 3.731 ng
 RT: 6.983 min Scan# 568
 Delta R.T. -0.029 min
 Lab File: BN037277.D
 Acq: 15 Jun 2025 00:54

Tgt Ion: 93 Resp: 10173
 Ion Ratio Lower Upper
 93 100
 63 13.2 75.2 112.8#
 95 31.7 28.3 42.5

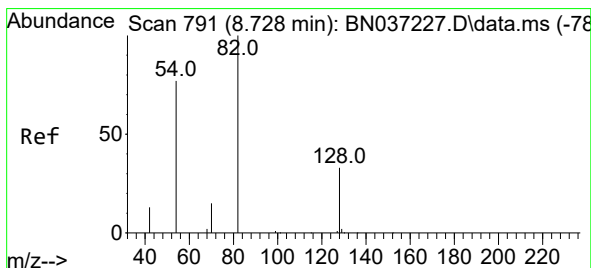
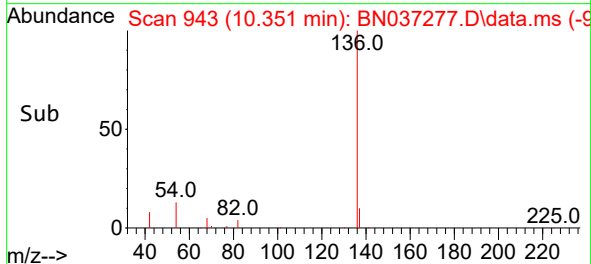
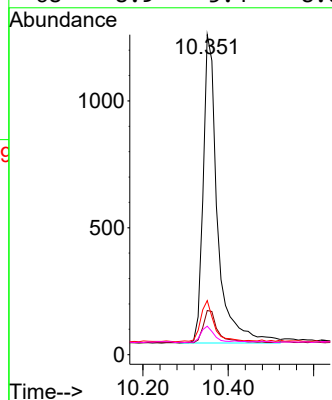
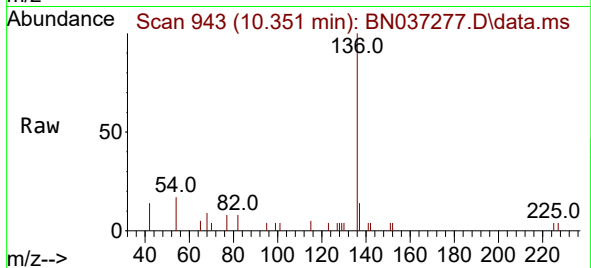




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 944
Delta R.T. -0.011 min
Lab File: BN037277.D
Acq: 15 Jun 2025 00:54

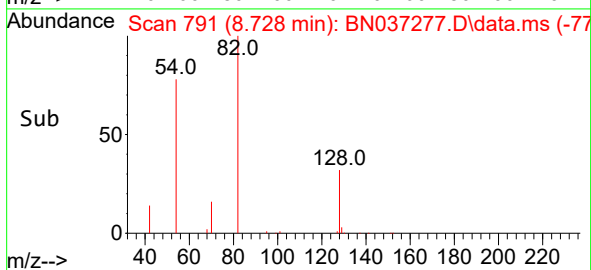
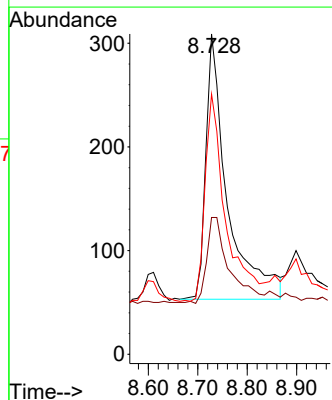
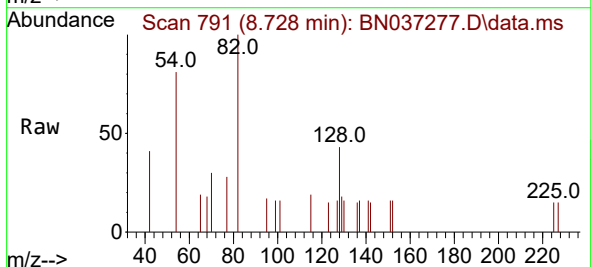
Instrument :
BNA_N
ClientSampleId :
VPB182-HYD-20250612

Tgt Ion:	136	Resp:	2844
Ion	Ratio	Lower	Upper
136	100		
137	13.8	10.6	15.8
54	16.9	9.2	13.8#
68	8.9	5.4	8.0#



#8
Nitrobenzene-d5
Concen: 0.276 ng
RT: 8.728 min Scan# 791
Delta R.T. 0.000 min
Lab File: BN037277.D
Acq: 15 Jun 2025 00:54

Tgt Ion:	82	Resp:	775
Ion	Ratio	Lower	Upper
82	100		
128	42.7	31.2	46.8
54	81.2	63.3	94.9





#11

2-Methylnaphthalene-d10

Concen: 0.027 ng

RT: 11.960 min Scan# 1141

Delta R.T. 0.005 min

Lab File: BN037277.D

Acq: 15 Jun 2025 00:54

Instrument :

BNA_N

ClientSampleId :

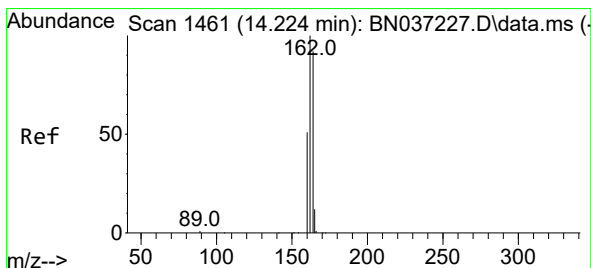
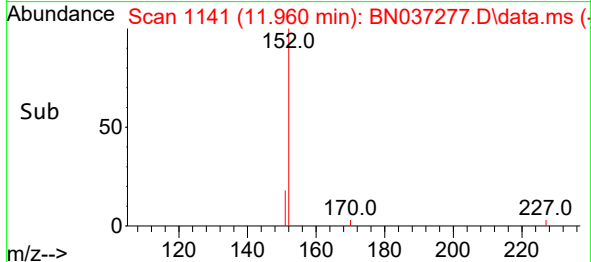
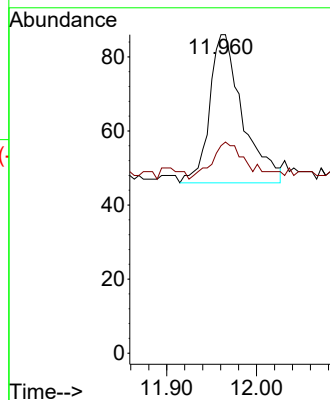
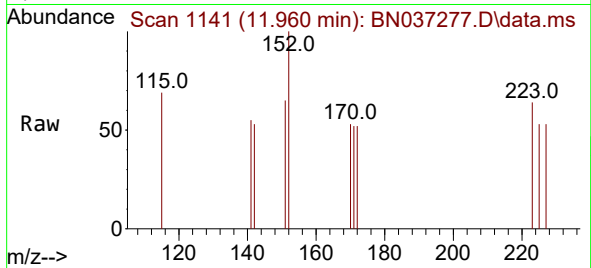
VPB182-HYD-20250612

Tgt Ion:152 Resp: 102

Ion Ratio Lower Upper

152 100

151 26.5 17.9 26.9



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.224 min Scan# 1461

Delta R.T. 0.000 min

Lab File: BN037277.D

Acq: 15 Jun 2025 00:54

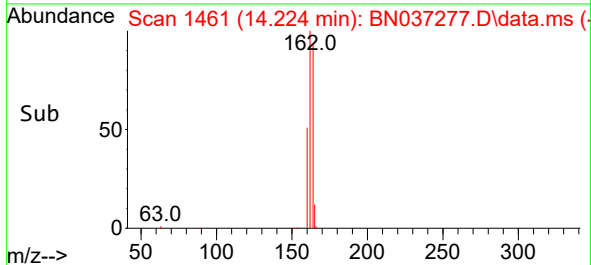
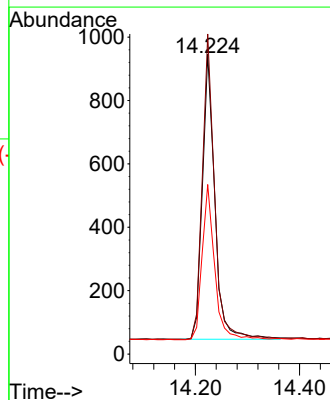
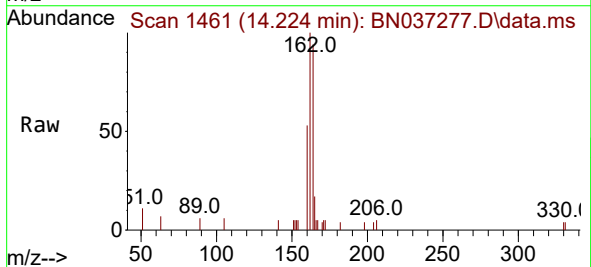
Tgt Ion:164 Resp: 1497

Ion Ratio Lower Upper

164 100

162 106.8 86.7 130.1

160 56.6 45.8 68.6

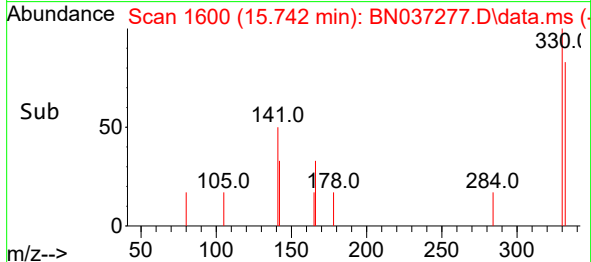
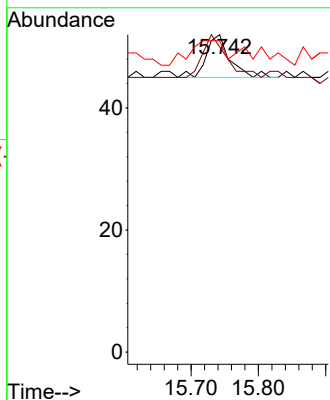
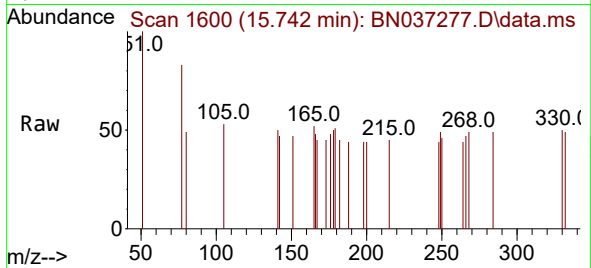




#14
2,4,6-Tribromophenol
Concen: 0.027 ng
RT: 15.742 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN037277.D
Acq: 15 Jun 2025 00:54

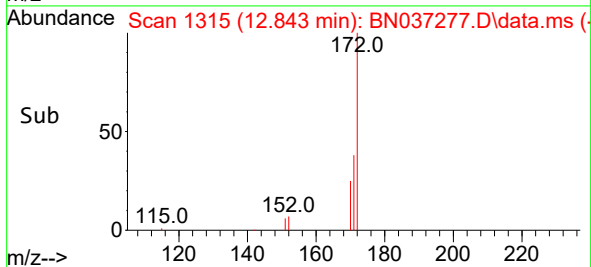
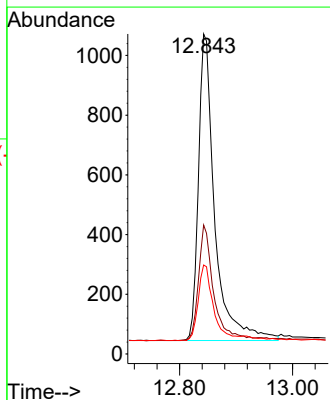
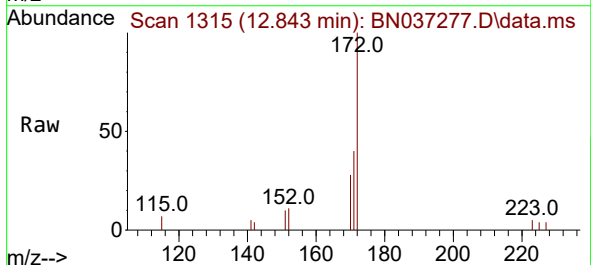
Instrument :
BNA_N
ClientSampleId :
VPB182-HYD-20250612

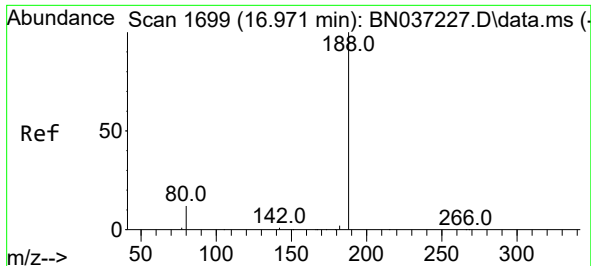
Tgt Ion:330 Resp: 17
Ion Ratio Lower Upper
330 100
332 100.0 74.9 112.3
141 0.0 45.1 67.7#



#15
2-Fluorobiphenyl
Concen: 0.327 ng
RT: 12.843 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BN037277.D
Acq: 15 Jun 2025 00:54

Tgt Ion:172 Resp: 2056
Ion Ratio Lower Upper
172 100
171 40.3 29.8 44.8
170 27.8 21.1 31.7

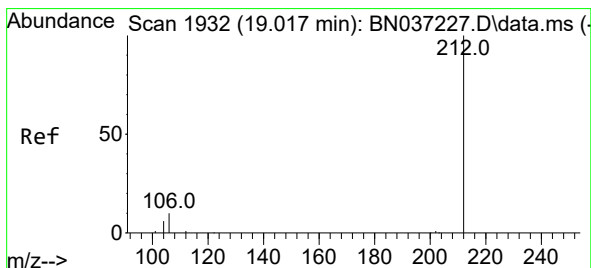
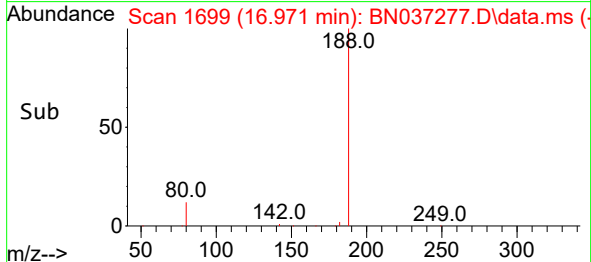
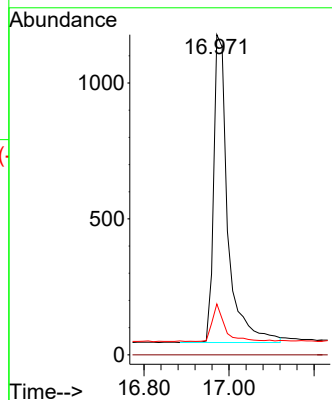
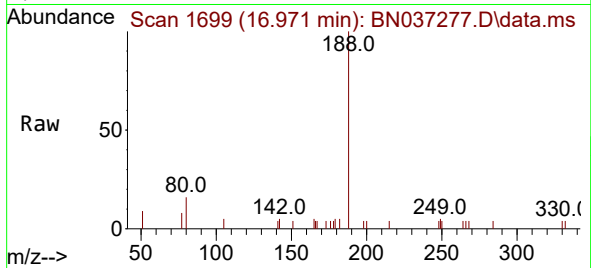




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN037277.D
Acq: 15 Jun 2025 00:54

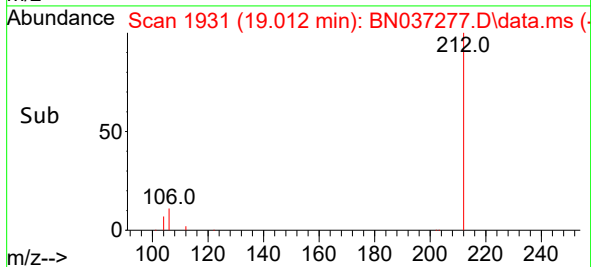
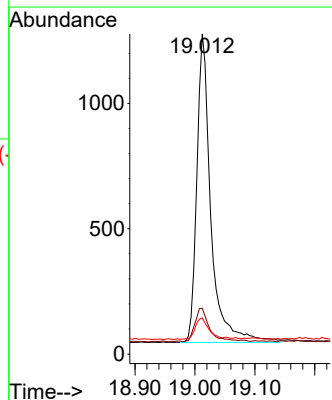
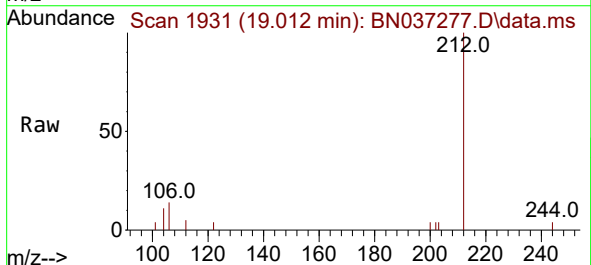
Instrument :
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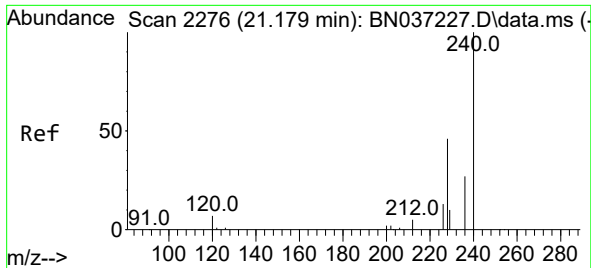
Tgt Ion:188 Resp: 2633
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.9 12.2 18.4



#27
Fluoranthene-d10
Concen: 0.291 ng
RT: 19.012 min Scan# 1931
Delta R.T. -0.005 min
Lab File: BN037277.D
Acq: 15 Jun 2025 00:54

Tgt Ion:212 Resp: 2003
Ion Ratio Lower Upper
212 100
106 11.3 9.3 13.9
104 7.1 5.7 8.5

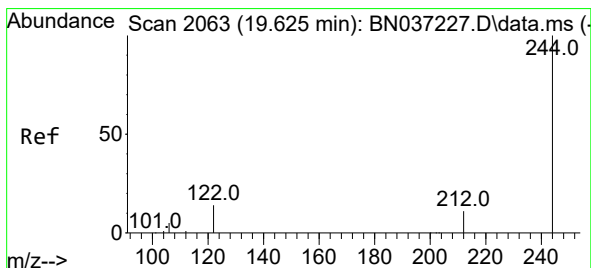
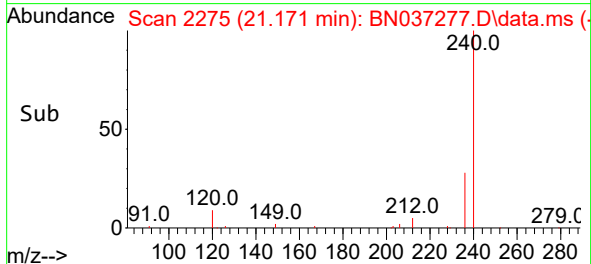
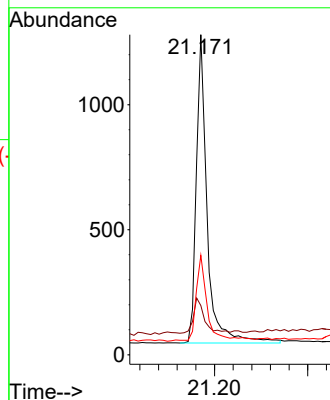
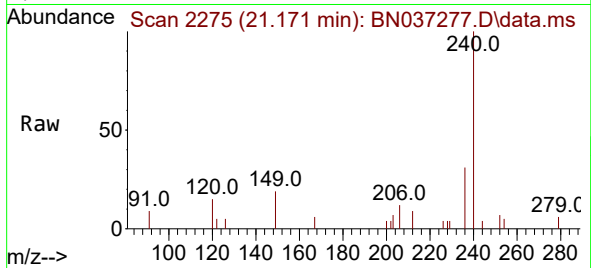




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.171 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037277.D
Acq: 15 Jun 2025 00:54

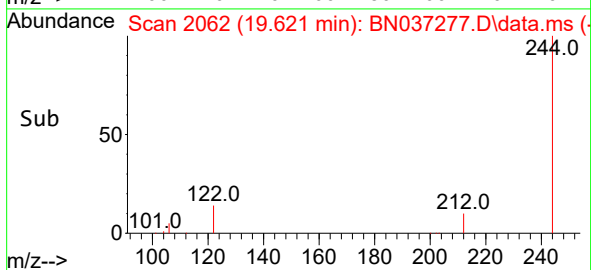
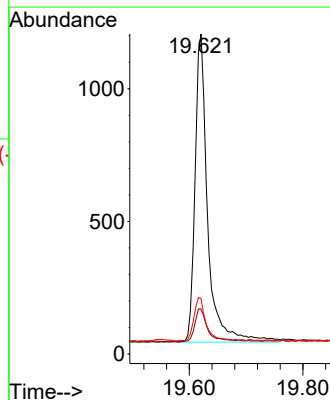
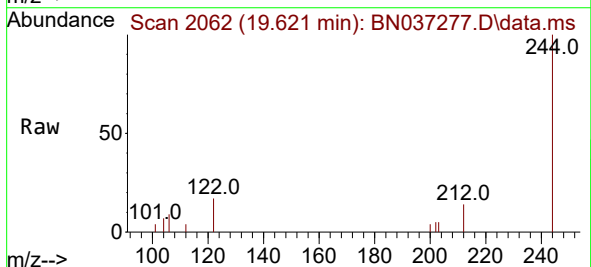
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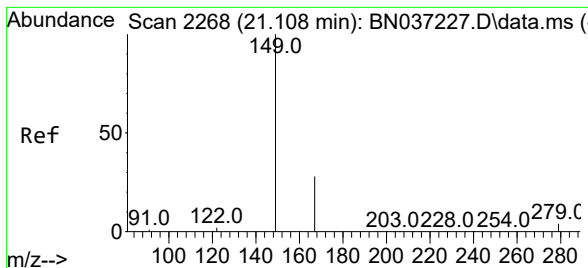
Tgt Ion:240 Resp: 1998
Ion Ratio Lower Upper
240 100
120 15.4 11.3 16.9
236 31.1 24.4 36.6



#31
Terphenyl-d14
Concen: 0.397 ng
RT: 19.621 min Scan# 2062
Delta R.T. -0.005 min
Lab File: BN037277.D
Acq: 15 Jun 2025 00:54

Tgt Ion:244 Resp: 1791
Ion Ratio Lower Upper
244 100
212 14.1 12.2 18.2
122 17.3 14.3 21.5





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.433 ng

RT: 21.099 min Scan# 2175

Delta R.T. -0.009 min

Lab File: BN037277.D

Acq: 15 Jun 2025 00:54

Instrument :

BNA_N

ClientSampleId :

VPB182-HYD-20250612

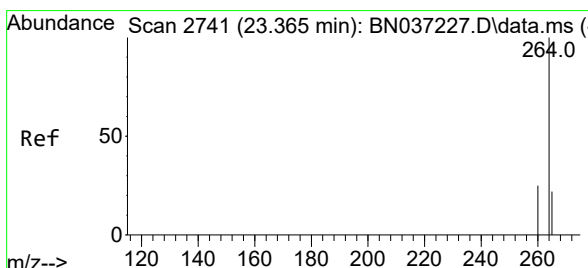
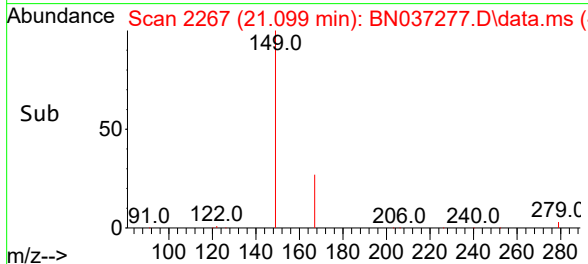
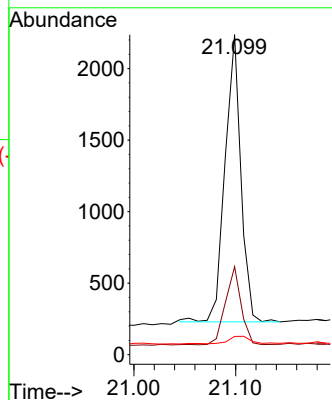
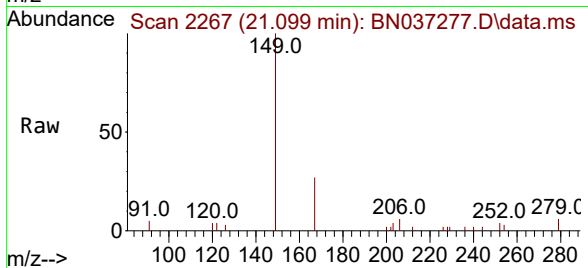
Tgt Ion:149 Resp: 2175

Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

279 4.1 3.3 4.9



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.360 min Scan# 2739

Delta R.T. -0.006 min

Lab File: BN037277.D

Acq: 15 Jun 2025 00:54

Tgt Ion:264 Resp: 1328

Ion Ratio Lower Upper

264 100

260 28.7 22.8 34.2

265 113.3 66.4 99.6#

