

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 02:46:38 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)

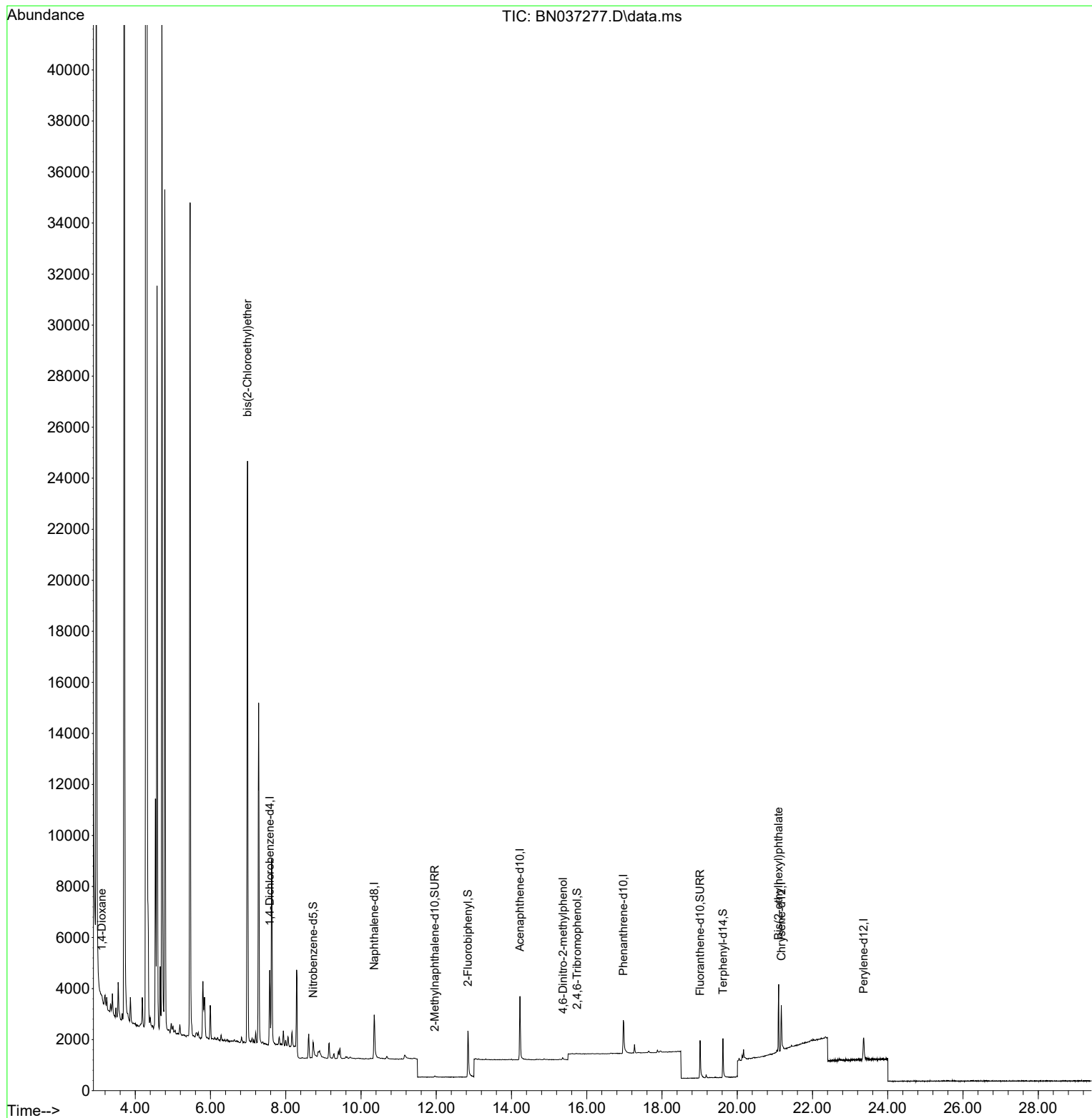
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	1176	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	2844	0.400	ng	#-0.01
13) Acenaphthene-d10	14.224	164	1497	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	2633	0.400	ng	0.00
29) Chrysene-d12	21.171	240	1998	0.400	ng	0.00
35) Perylene-d12	23.360	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	6.752	99	4	0.001	ng	0.00
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						
2) 1,4-Dioxane	3.111	88	48	0.030	ng	# 1
6) bis(2-Chloroethyl)ether	6.983	93	10173	3.731	ng	# 37
20) 4,6-Dinitro-2-methylph...	15.368	198	2	0.119	ng	# 25
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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Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_N
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VPB182-HYD-20250612

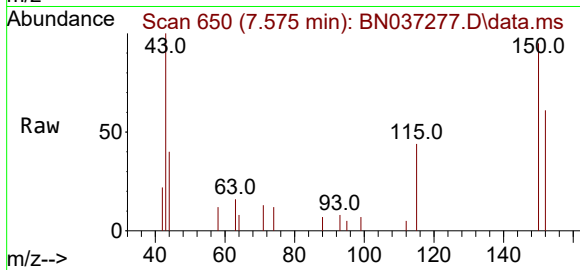
Quant Time: Jun 16 02:46:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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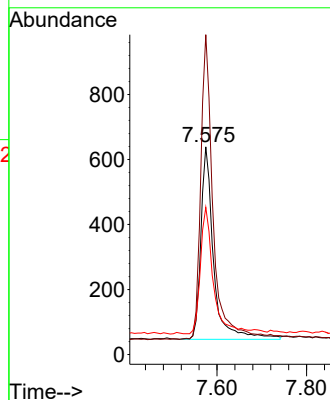
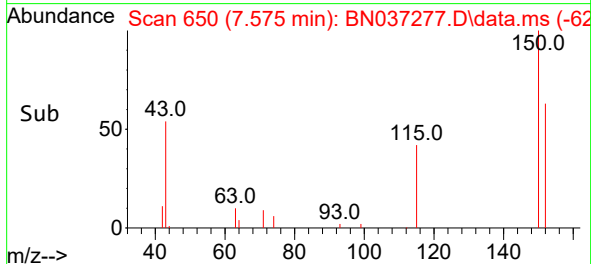


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.575 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN037277.D
 Acq: 15 Jun 2025 00:54

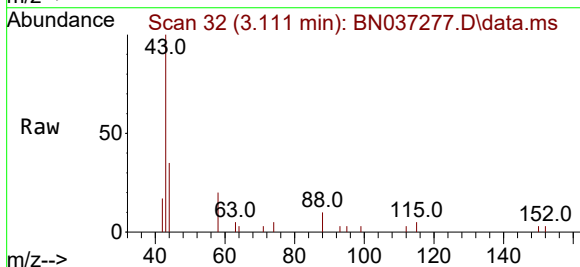
Instrument :
 BNA_N
 ClientSampleId :
 VPB182-HYD-20250612



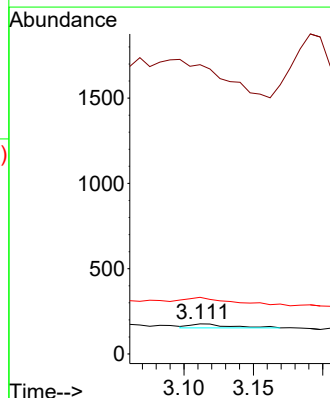
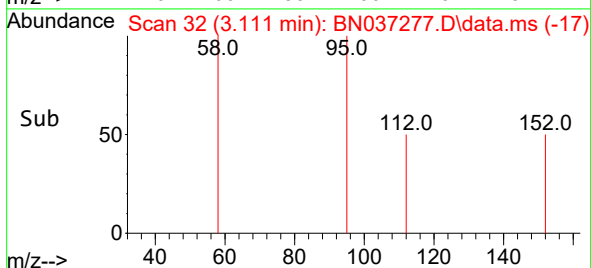
Tgt Ion:152 Resp: 1176
 Ion Ratio Lower Upper
 152 100
 150 154.0 125.2 187.8
 115 70.9 58.4 87.6



#2
 1,4-Dioxane
 Concen: 0.030 ng
 RT: 3.111 min Scan# 32
 Delta R.T. 0.007 min
 Lab File: BN037277.D
 Acq: 15 Jun 2025 00:54



Tgt Ion: 88 Resp: 48
 Ion Ratio Lower Upper
 88 100
 43 0.0 52.6 79.0#
 58 252.1 73.5 110.3#

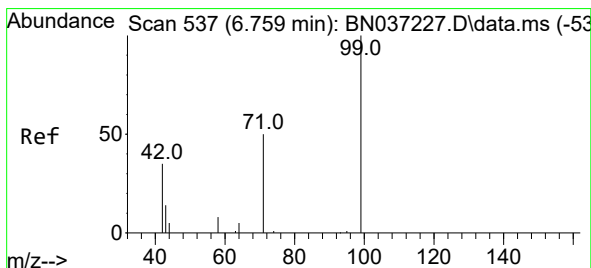
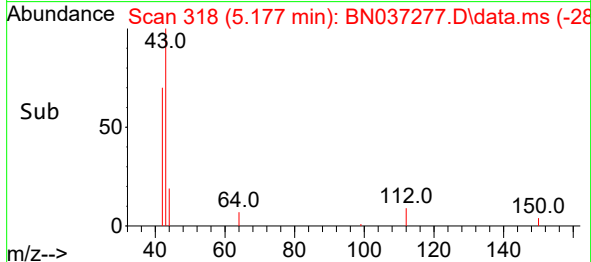
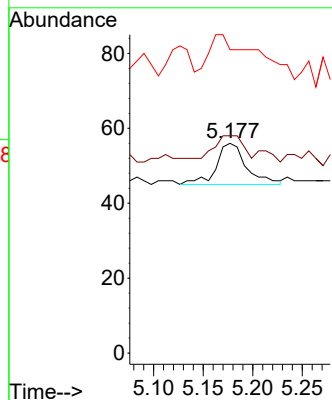
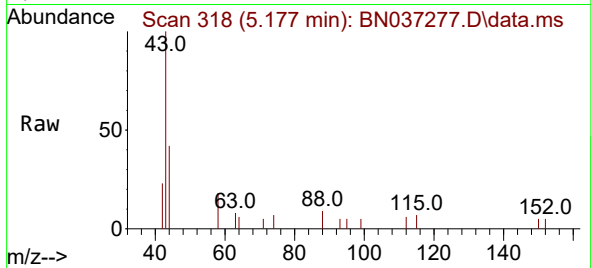




#4
2-Fluorophenol
Concen: 0.008 ng
RT: 5.177 min Scan# 317
Delta R.T. 0.007 min
Lab File: BN037277.D
Acq: 15 Jun 2025 00:54

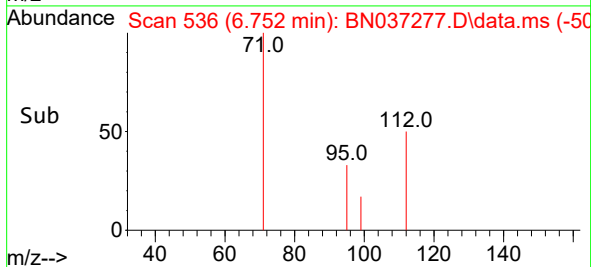
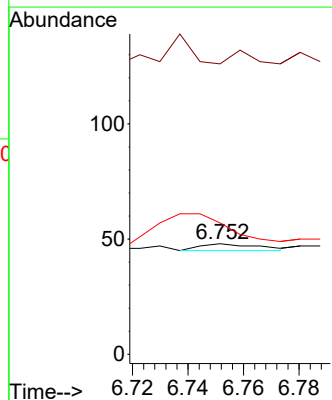
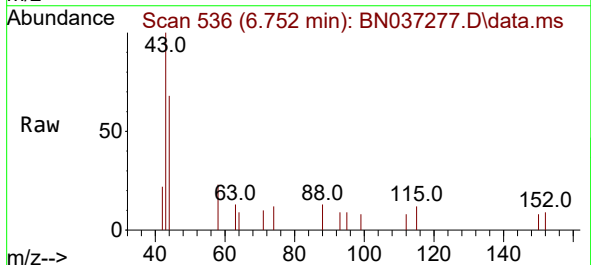
Instrument :
BNA_N
ClientSampleId :
VPB182-HYD-20250612

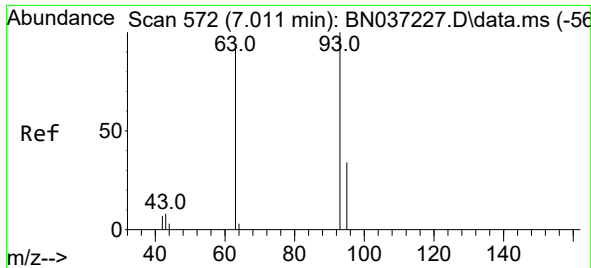
Tgt Ion:112 Resp: 23
Ion Ratio Lower Upper
112 100
64 56.5 57.2 85.8#
63 69.6 39.8 59.6#



#5
Phenol-d6
Concen: 0.001 ng
RT: 6.752 min Scan# 536
Delta R.T. -0.007 min
Lab File: BN037277.D
Acq: 15 Jun 2025 00:54

Tgt Ion: 99 Resp: 4
Ion Ratio Lower Upper
99 100
42 200.0 36.2 54.4#
71 500.0 42.4 63.6#

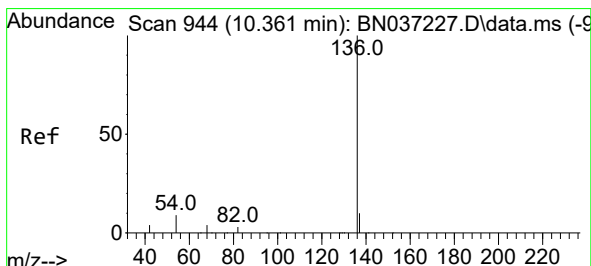
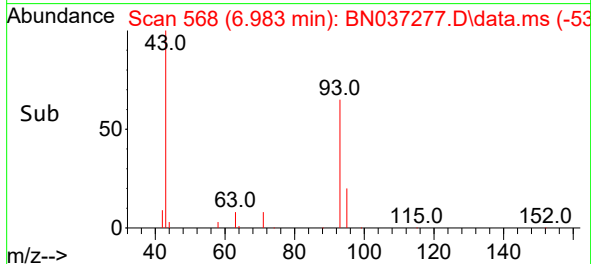
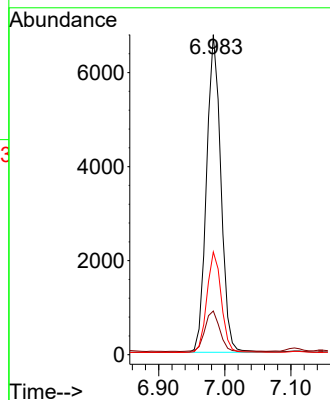
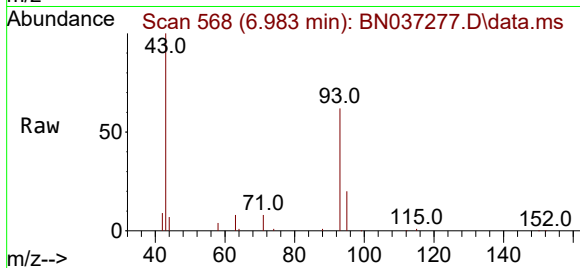




#6
bis(2-Chloroethyl)ether
Concen: 3.731 ng
RT: 6.983 min Scan# 501
Delta R.T. -0.029 min
Lab File: BN037277.D
Acq: 15 Jun 2025 00:54

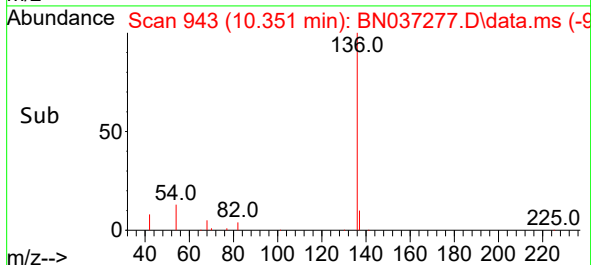
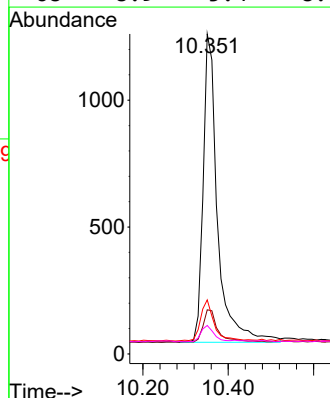
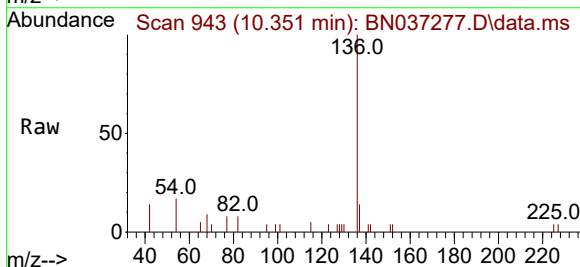
Instrument :
BNA_N
ClientSampleId :
VPB182-HYD-20250612

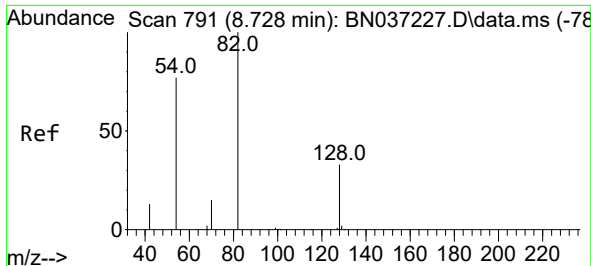
Tgt Ion: 93 Resp: 10173
Ion Ratio Lower Upper
93 100
63 13.2 75.2 112.8#
95 31.7 28.3 42.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 943
Delta R.T. -0.011 min
Lab File: BN037277.D
Acq: 15 Jun 2025 00:54

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#

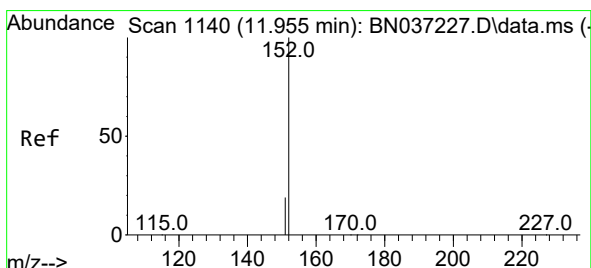
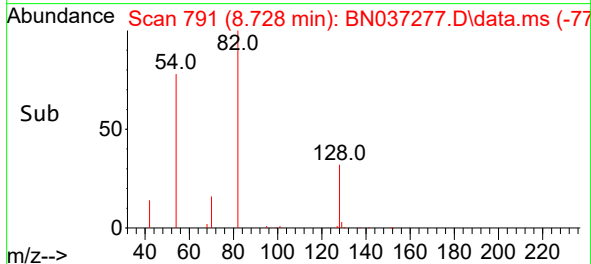
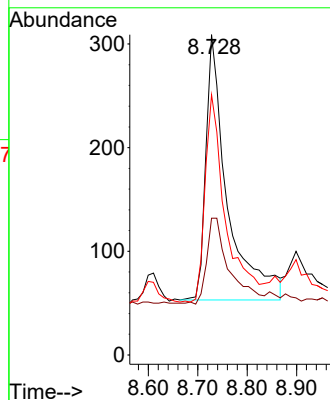
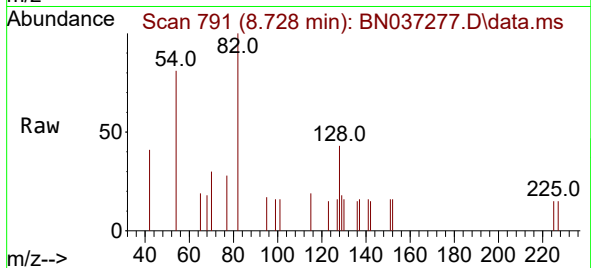




#8
 Nitrobenzene-d5
 Concen: 0.276 ng
 RT: 8.728 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: BN037277.D
 Acq: 15 Jun 2025 00:54

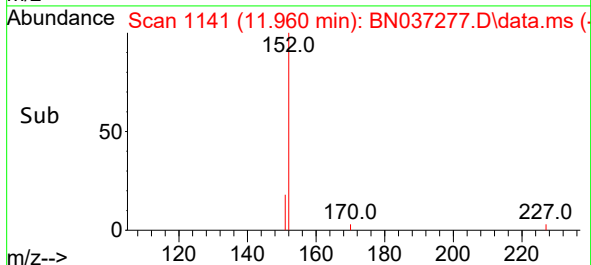
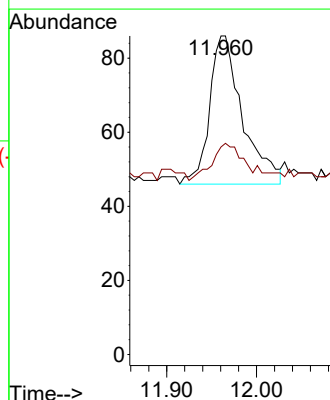
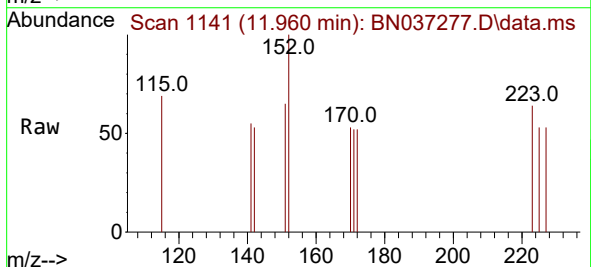
Instrument :
 BNA_N
 ClientSampleId :
 VPB182-HYD-20250612

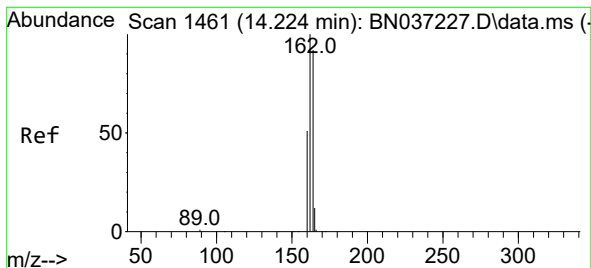
Tgt Ion:	82	Resp:	775
Ion	Ratio	Lower	Upper
82	100		
128	42.7	31.2	46.8
54	81.2	63.3	94.9



#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

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# 14

Delta R.T. 0.000 min

Lab File: BN037277.D

Acq: 15 Jun 2025 00:54

Instrument :

BNA_N

ClientSampleId :

VPB182-HYD-20250612

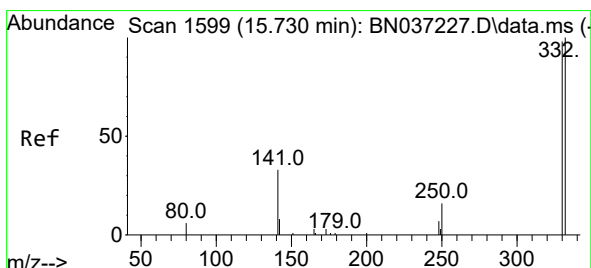
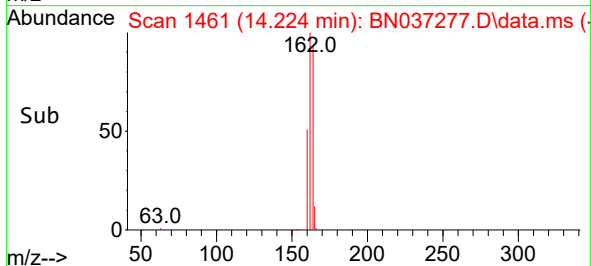
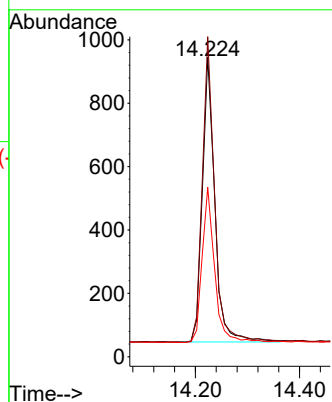
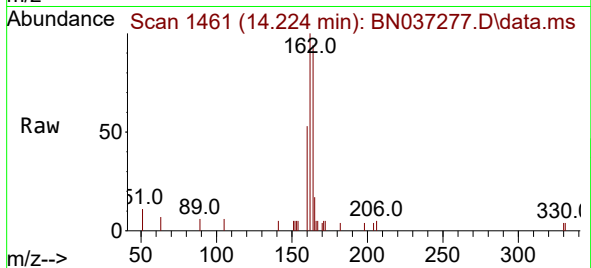
Tgt Ion:164 Resp: 1497

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# 1600

Delta R.T. 0.012 min

Lab File: BN037277.D

Acq: 15 Jun 2025 00:54

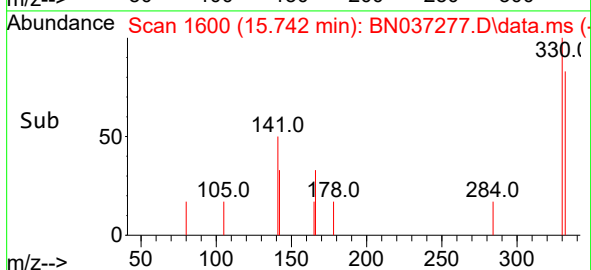
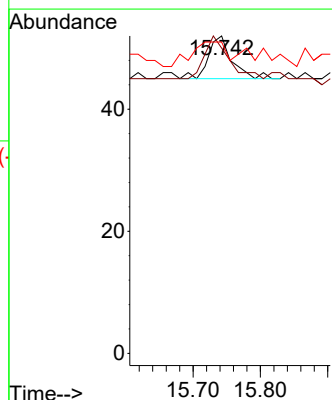
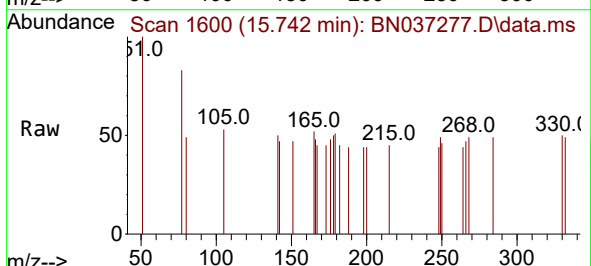
Tgt Ion:330 Resp: 17

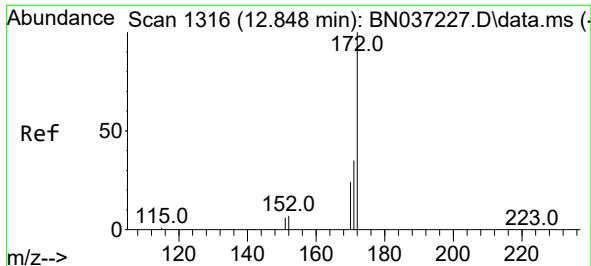
Ion Ratio Lower Upper

330 100

332 100.0 74.9 112.3

141 0.0 45.1 67.7#

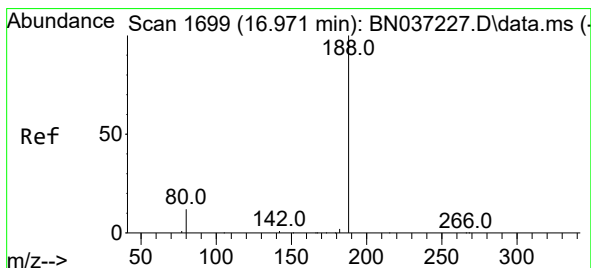
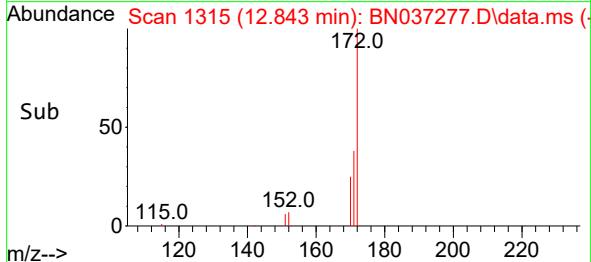
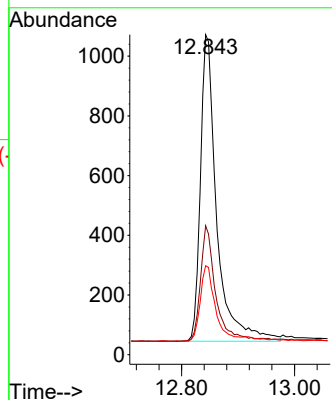
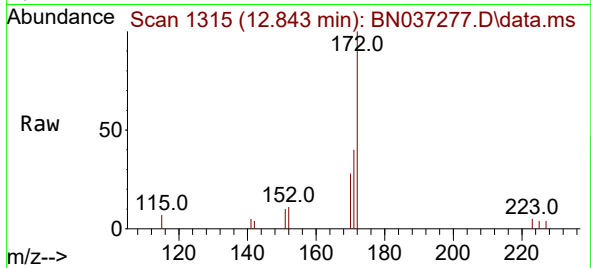




#15
2-Fluorobiphenyl
Concen: 0.327 ng
RT: 12.843 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037277.D
Acq: 15 Jun 2025 00:54

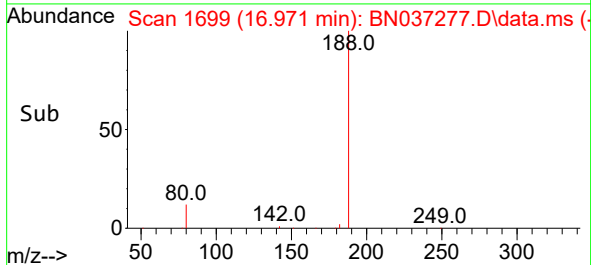
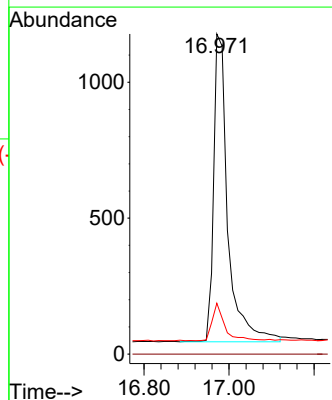
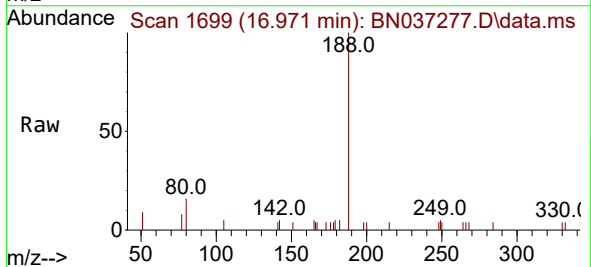
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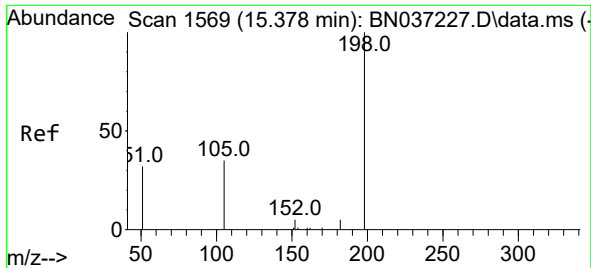
Tgt Ion:172	Resp:	2056
Ion Ratio	Lower	Upper
172	100	
171	40.3	29.8 44.8
170	27.8	21.1 31.7



#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

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

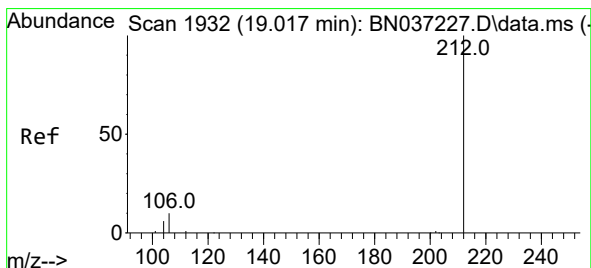
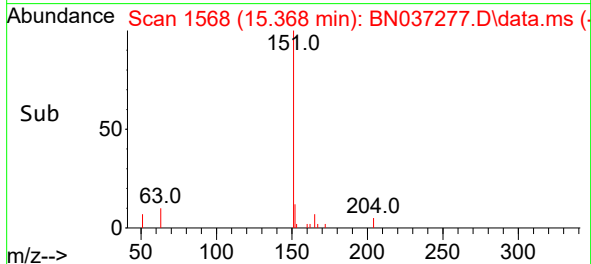
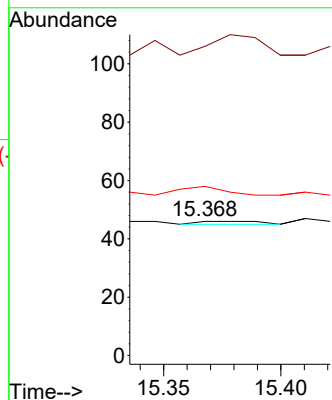
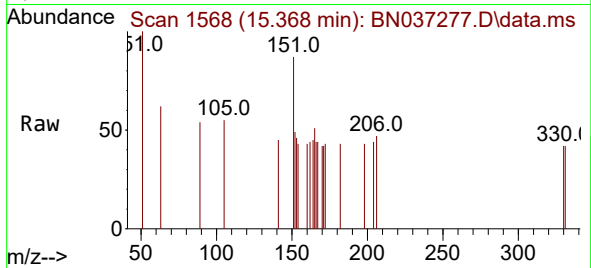




#20
4,6-Dinitro-2-methylphenol
Concen: 0.119 ng
RT: 15.368 min Scan# 1568
Delta R.T. -0.010 min
Lab File: BN037277.D
Acq: 15 Jun 2025 00:54

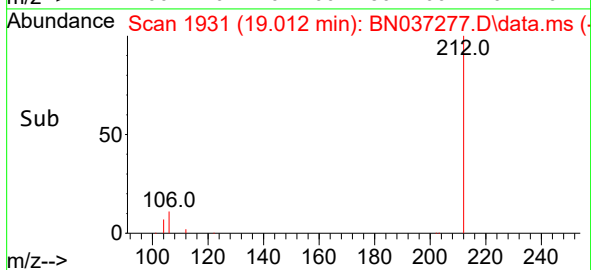
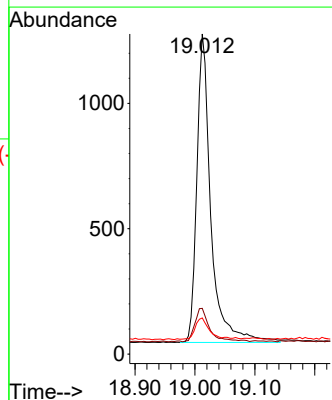
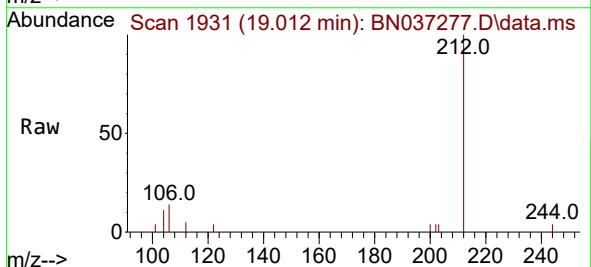
Instrument :
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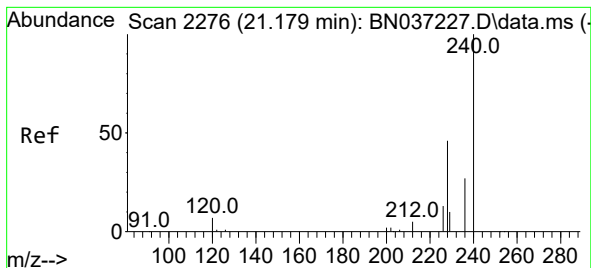
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 230.4 111.2 166.8#
105 126.1 54.0 81.0#



#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

Instrument :

BNA_N

ClientSampleId :

VPB182-HYD-20250612

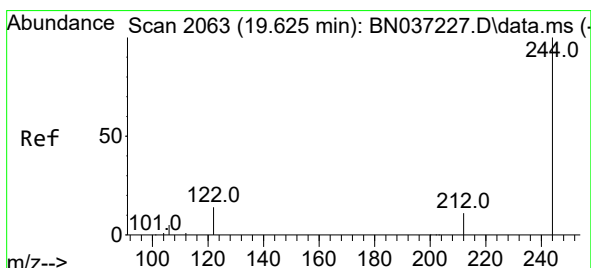
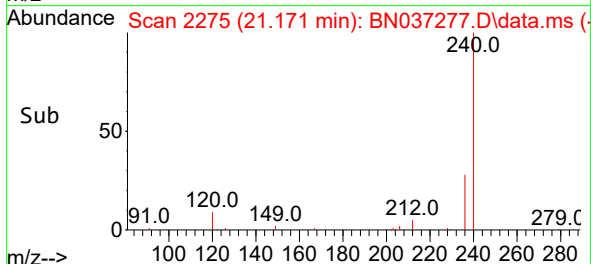
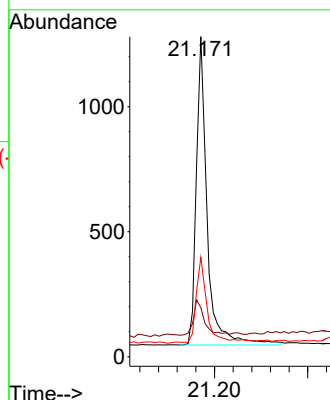
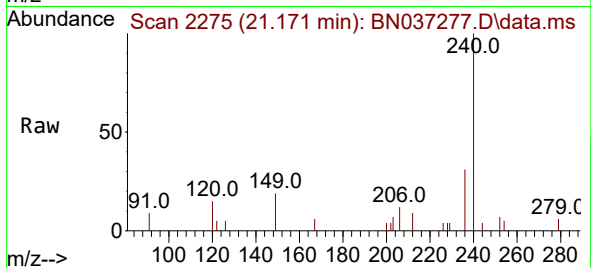
Tgt Ion:240 Resp: 1998

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

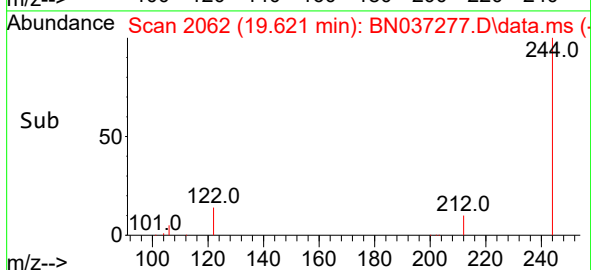
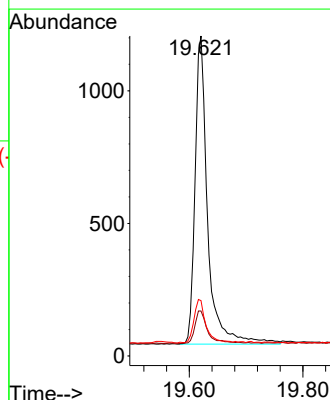
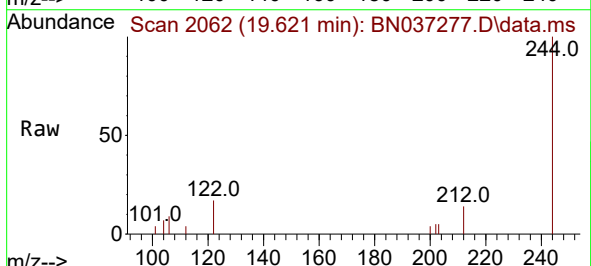
Tgt Ion:244 Resp: 1791

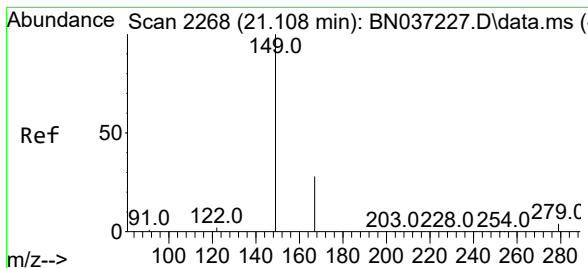
Ion Ratio Lower Upper

244 100

212 14.1 12.2 18.2

122 17.3 14.3 21.5

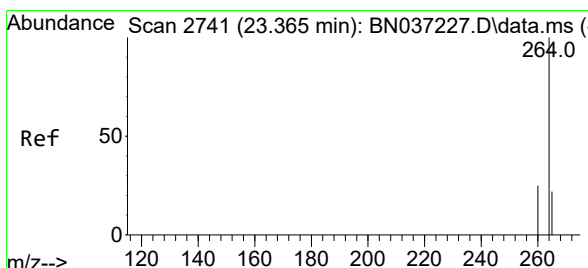
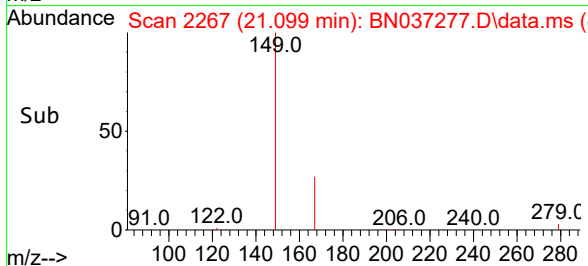
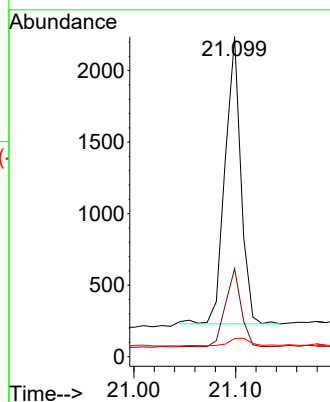
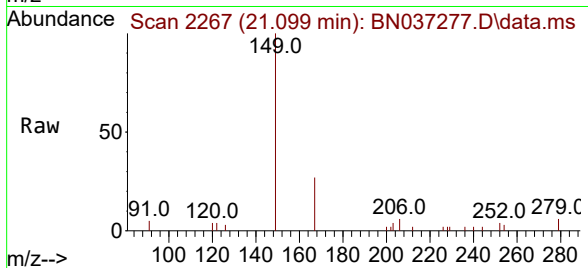




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.433 ng
RT: 21.099 min Scan# 2175
Delta R.T. -0.009 min
Lab File: BN037277.D
Acq: 15 Jun 2025 00:54

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

