

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092925\
 Data File : BN037935.D
 Acq On : 29 Sep 2025 13:55
 Operator : RC/JU
 Sample : Q3165-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VPB184-HYD-20250919

Quant Time: Sep 29 14:23:08 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)

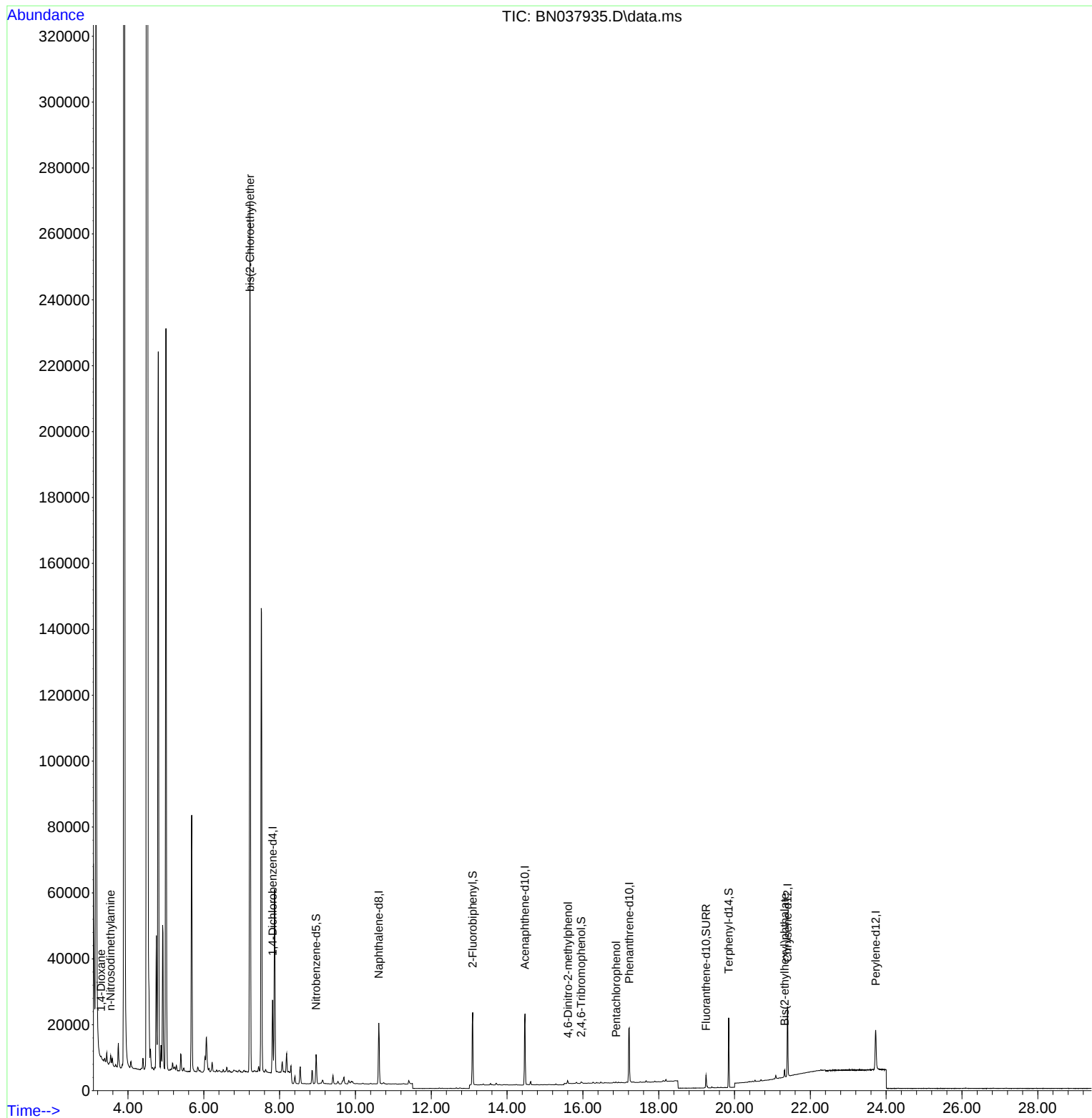
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	8469	0.400	ng	0.00
7) Naphthalene-d8	10.616	136	24220	0.400	ng	-0.01
13) Acenaphthene-d10	14.473	164	12389	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	25703	0.400	ng	0.00
29) Chrysene-d12	21.402	240	20793	0.400	ng	# 0.00
35) Perylene-d12	23.724	264	17157	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	91	0.005	ng	0.00
5) Phenol-d6	6.959	99	19	0.001	ng	-0.01
8) Nitrobenzene-d5	8.961	82	6935	0.375	ng	-0.01
11) 2-Methylnaphthalene-d10	12.212	152	217	0.006	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	263	0.056	ng	-0.01
15) 2-Fluorobiphenyl	13.094	172	18409	0.363	ng	0.00
27) Fluoranthene-d10	19.248	212	4172	0.065	ng	0.00
31) Terphenyl-d14	19.847	244	18900	0.456	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	282	0.033	ng	# 61
3) n-Nitrosodimethylamine	3.543	42	2515	0.220	ng	# 6
6) bis(2-Chloroethyl)ether	7.219	93	171090	7.258	ng	# 44
20) 4,6-Dinitro-2-methylph...	15.609	198	12	0.071	ng	# 1
24) Pentachlorophenol	16.876	266	186	0.027	ng	86
34) Bis(2-ethylhexyl)phtha...	21.322	149	2420	0.084	ng	# 98

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

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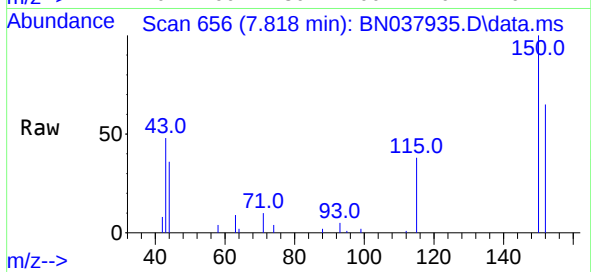
Quant Time: Sep 29 14:23:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
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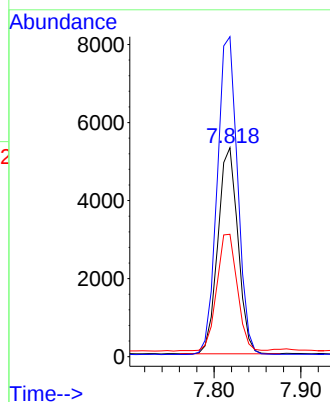
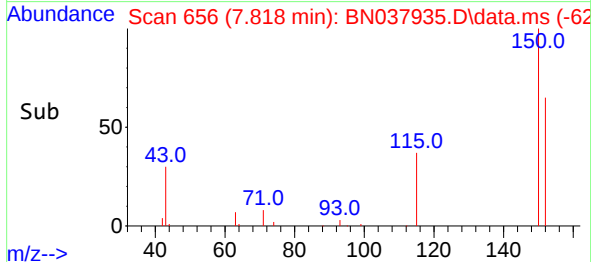


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.818 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037935.D
Acq: 29 Sep 2025 13:55

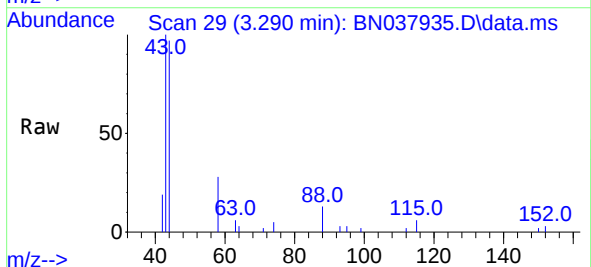
Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20250919



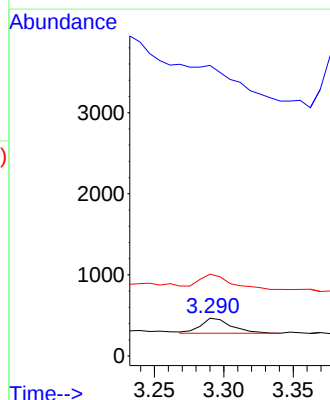
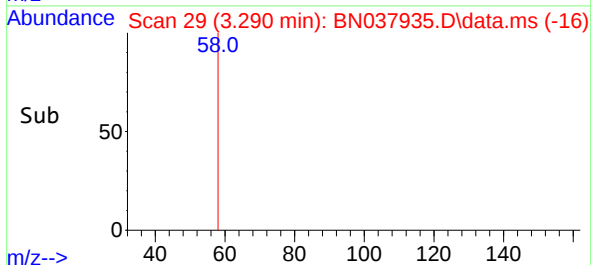
Tgt Ion:152 Resp: 8469
Ion Ratio Lower Upper
152 100
150 153.1 121.0 181.4
115 58.6 47.4 71.0

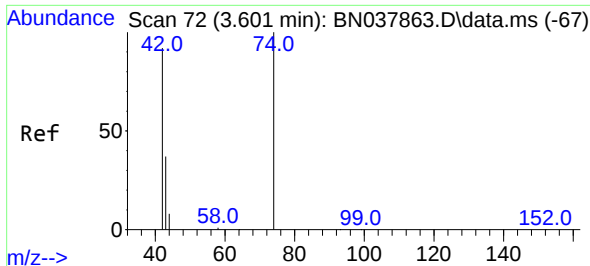


#2
1,4-Dioxane
Concen: 0.033 ng
RT: 3.290 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN037935.D
Acq: 29 Sep 2025 13:55



Tgt Ion: 88 Resp: 282
Ion Ratio Lower Upper
88 100
43 0.0 26.6 39.8#
58 98.9 58.9 88.3#

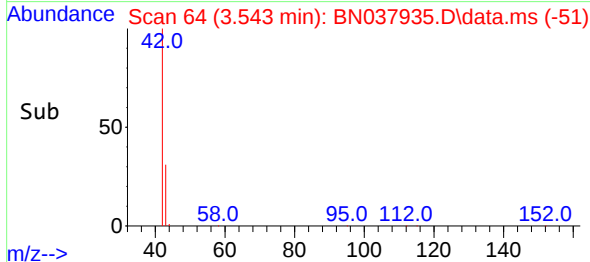
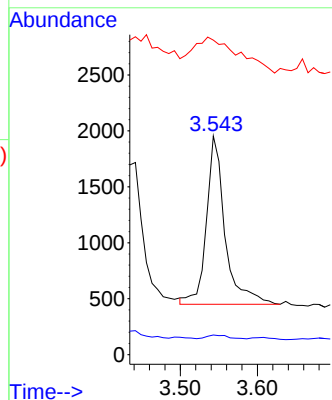
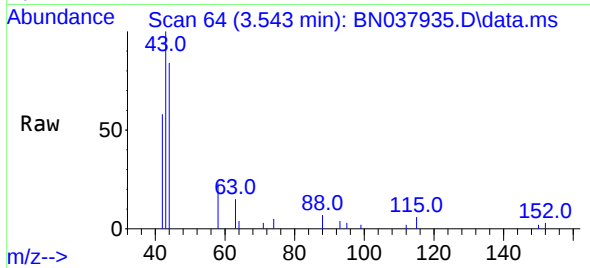




#3
n-Nitrosodimethylamine
Concen: 0.220 ng
RT: 3.543 min Scan# 64
Delta R.T. -0.058 min
Lab File: BN037935.D
Acq: 29 Sep 2025 13:55

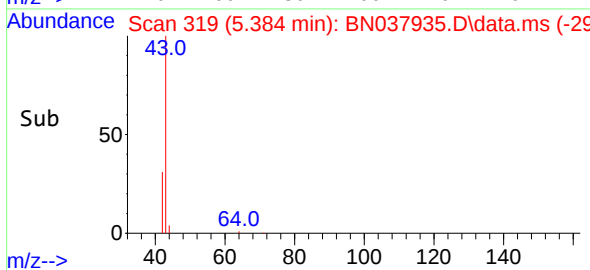
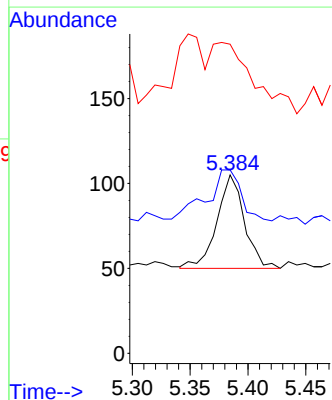
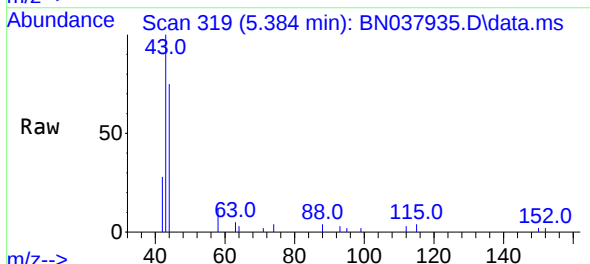
Instrument :
BNA_N
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VPB184-HYD-20250919

Tgt Ion: 42 Resp: 2515
Ion Ratio Lower Upper
42 100
74 2.5 93.4 140.0#
44 53.0 22.2 33.4#



#4
2-Fluorophenol
Concen: 0.005 ng
RT: 5.384 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN037935.D
Acq: 29 Sep 2025 13:55

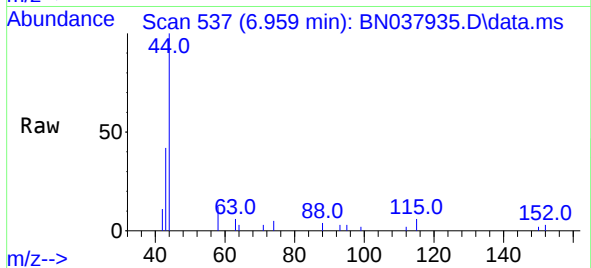
Tgt Ion: 112 Resp: 91
Ion Ratio Lower Upper
112 100
64 68.1 44.6 66.8#
63 116.5 24.9 37.3#



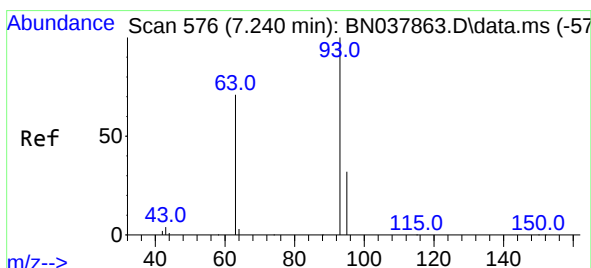
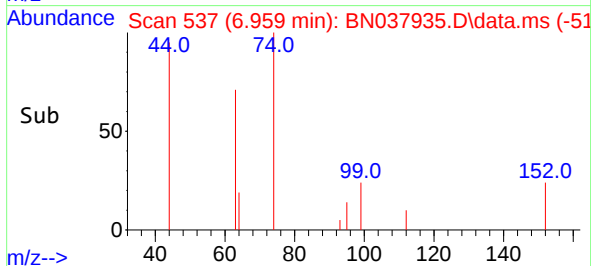
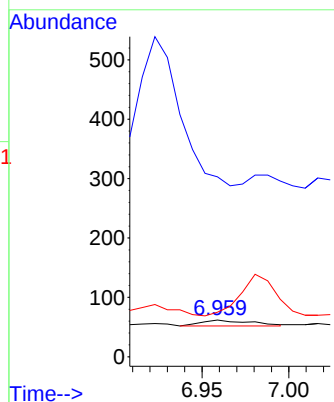


#5
Phenol-d6
Concen: 0.001 ng
RT: 6.959 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN037935.D
Acq: 29 Sep 2025 13:55

Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20250919

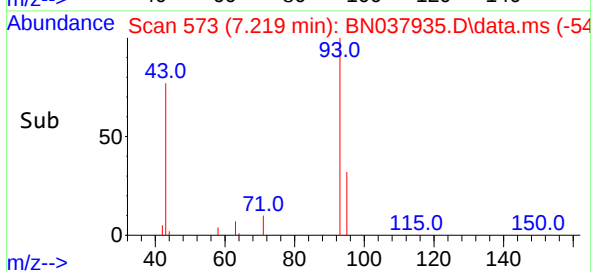
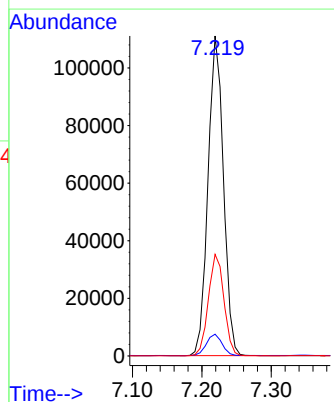
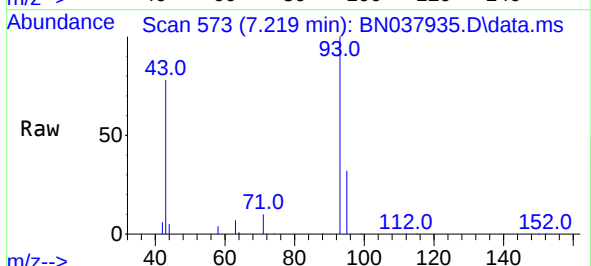


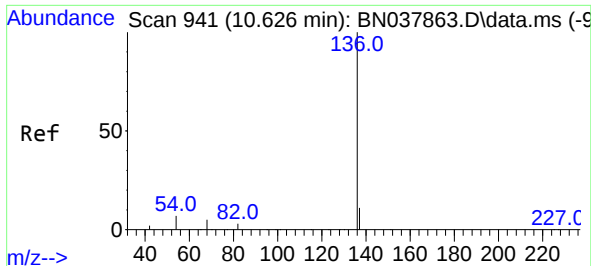
Tgt Ion: 99 Resp: 19
Ion Ratio Lower Upper
99 100
42 0.0 17.2 25.8#
71 0.0 27.3 40.9#



#6
bis(2-Chloroethyl)ether
Concen: 7.258 ng
RT: 7.219 min Scan# 573
Delta R.T. -0.022 min
Lab File: BN037935.D
Acq: 29 Sep 2025 13:55

Tgt Ion: 93 Resp: 171090
Ion Ratio Lower Upper
93 100
63 6.8 60.1 90.1#
95 32.0 25.4 38.2

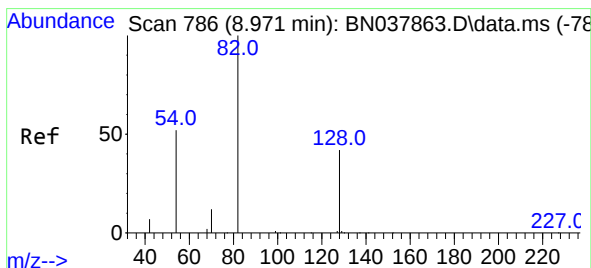
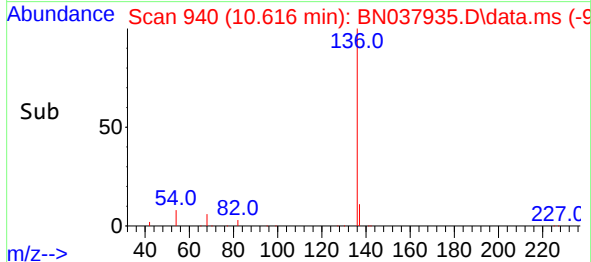
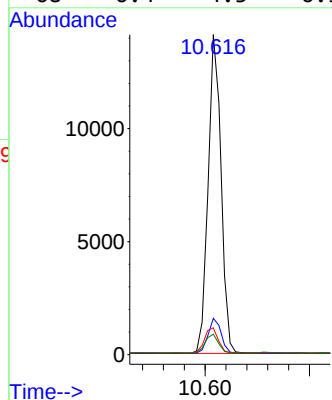
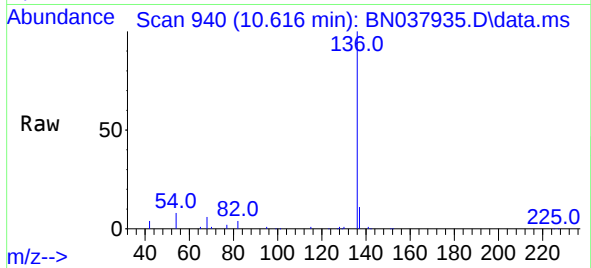




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 941
Delta R.T. -0.011 min
Lab File: BN037935.D
Acq: 29 Sep 2025 13:55

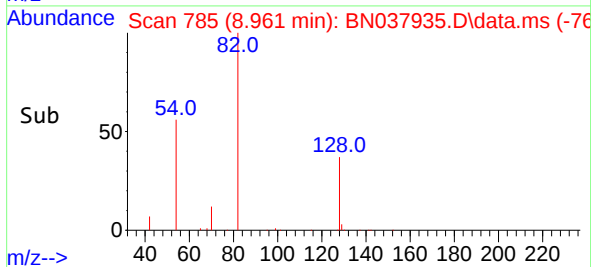
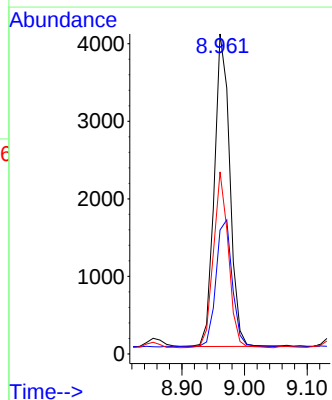
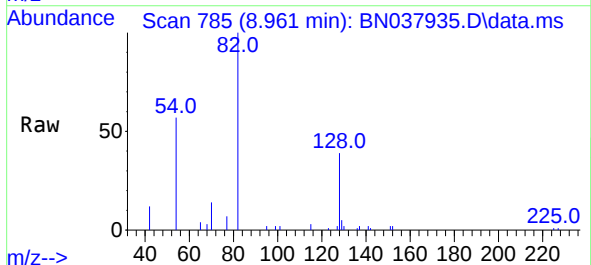
Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20250919

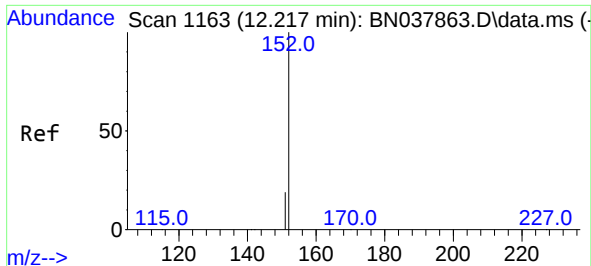
Tgt Ion:	136	Resp:	24220
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	8.4	5.8	8.8
68	6.4	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.375 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN037935.D
Acq: 29 Sep 2025 13:55

Tgt Ion:	82	Resp:	6935
Ion	Ratio	Lower	Upper
82	100		
128	38.7	34.8	52.2
54	56.9	42.2	63.2

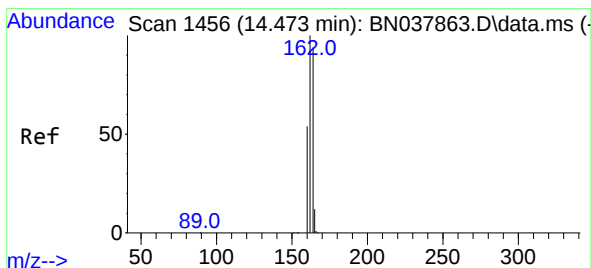
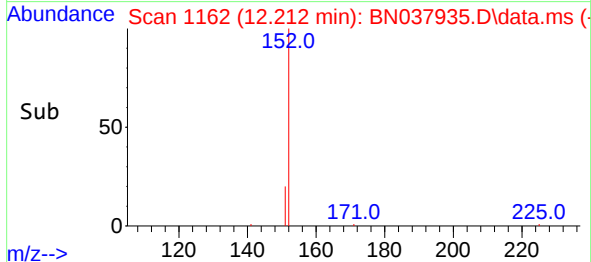
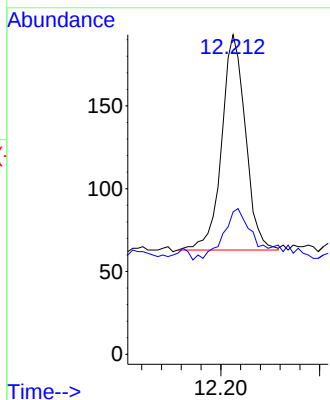
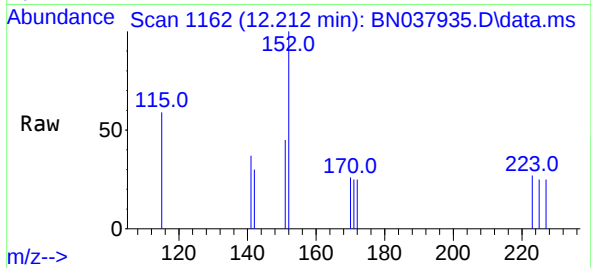




#11
2-Methylnaphthalene-d10
Concen: 0.006 ng
RT: 12.212 min Scan# 1162
Delta R.T. -0.005 min
Lab File: BN037935.D
Acq: 29 Sep 2025 13:55

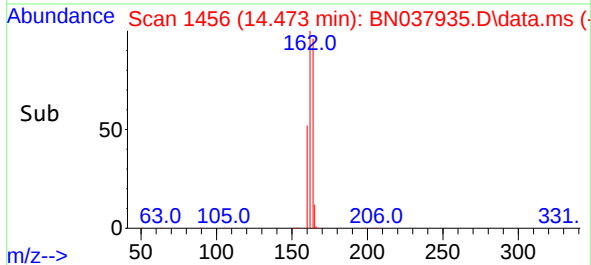
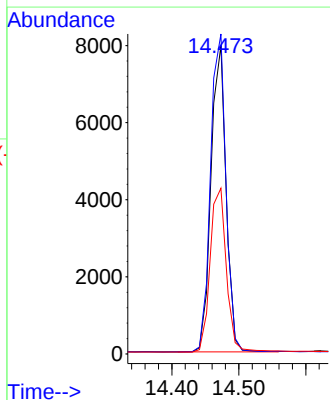
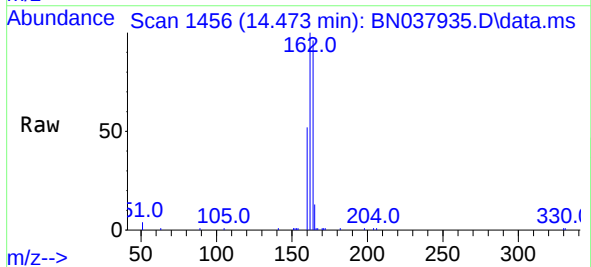
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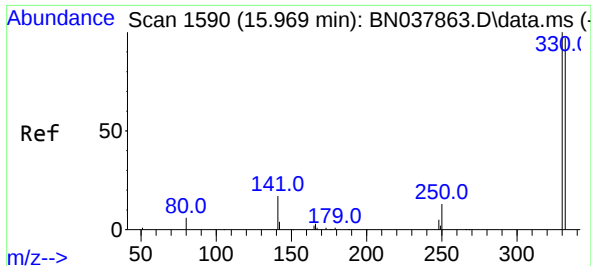
Tgt Ion:152 Resp: 217
Ion Ratio Lower Upper
152 100
151 35.9 17.4 26.2#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BN037935.D
Acq: 29 Sep 2025 13:55

Tgt Ion:164 Resp: 12389
Ion Ratio Lower Upper
164 100
162 103.8 84.8 127.2
160 53.8 46.1 69.1

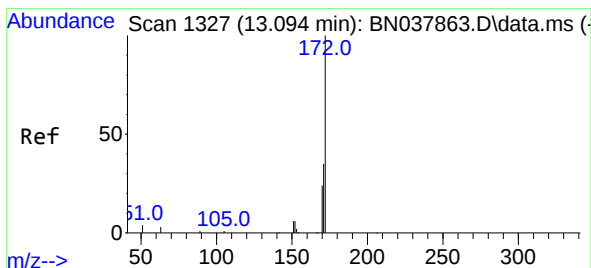
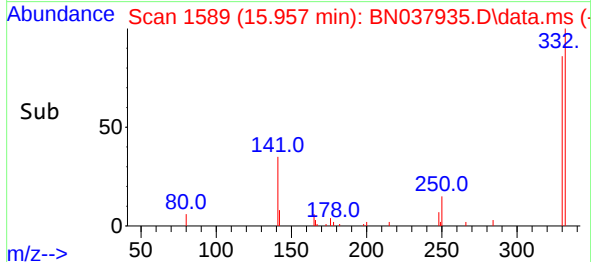
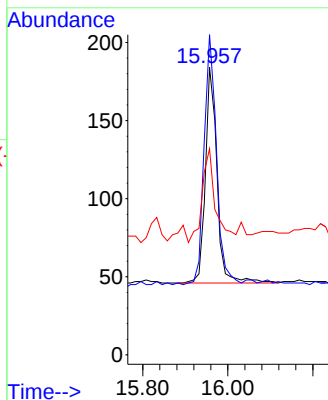
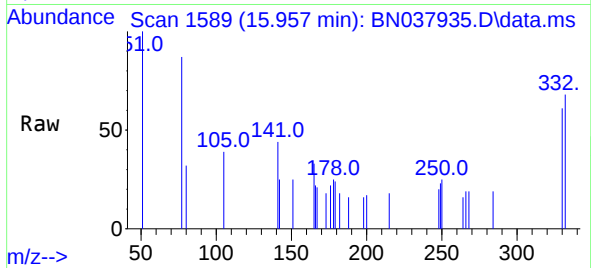




#14
2,4,6-Tribromophenol
Concen: 0.056 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN037935.D
Acq: 29 Sep 2025 13:55

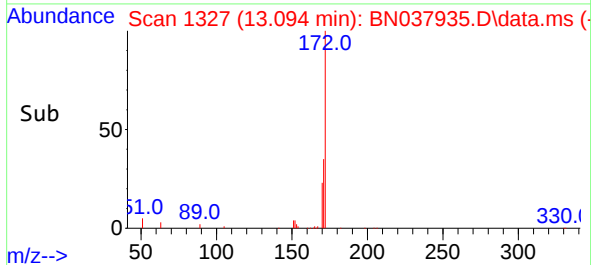
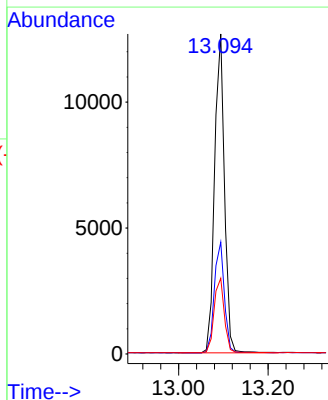
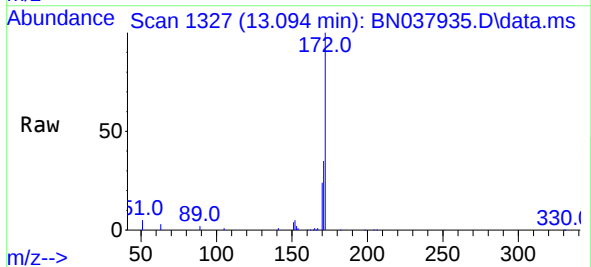
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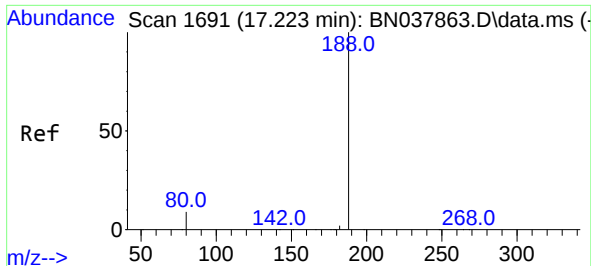
Tgt Ion:330 Resp: 263
Ion Ratio Lower Upper
330 100
332 123.6 77.2 115.8#
141 49.8 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.363 ng
RT: 13.094 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BN037935.D
Acq: 29 Sep 2025 13:55

Tgt Ion:172 Resp: 18409
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 23.6 19.7 29.5

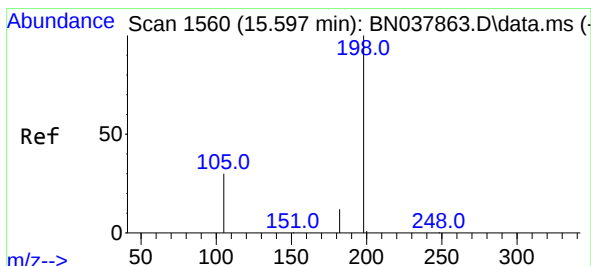
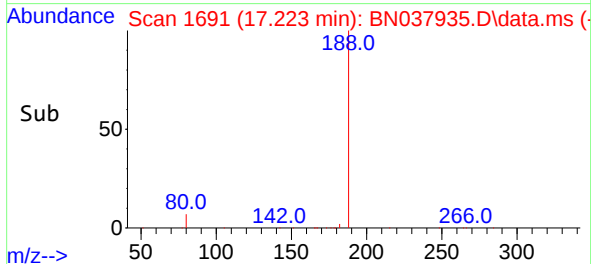
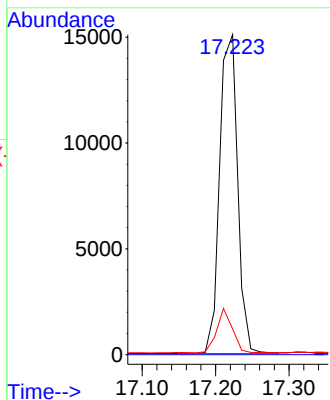
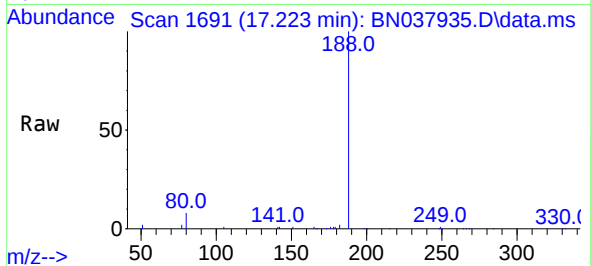




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BN037935.D
Acq: 29 Sep 2025 13:55

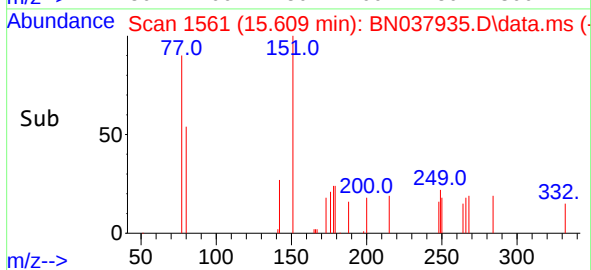
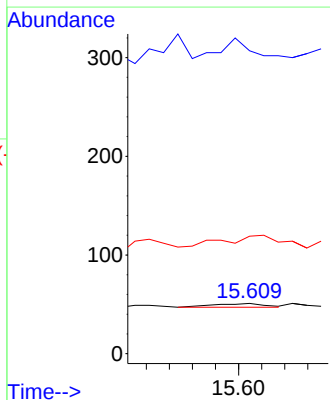
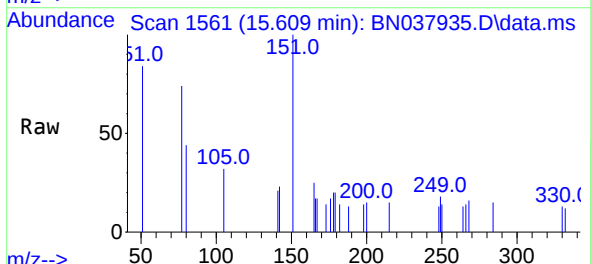
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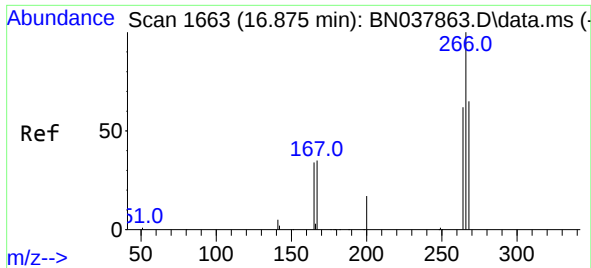
Tgt Ion:188 Resp: 25703
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.0 7.6 11.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.071 ng
RT: 15.609 min Scan# 1561
Delta R.T. 0.012 min
Lab File: BN037935.D
Acq: 29 Sep 2025 13:55

Tgt Ion:198 Resp: 12
Ion Ratio Lower Upper
198 100
51 602.0 59.1 88.7#
105 233.3 41.3 61.9#

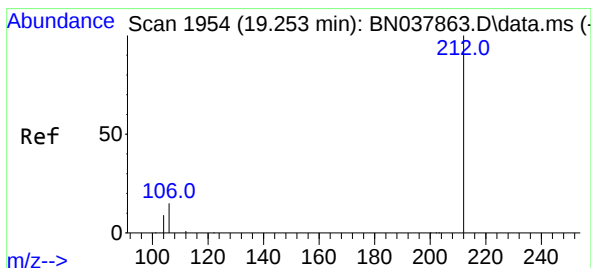
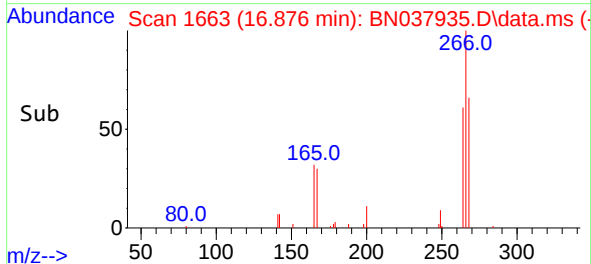
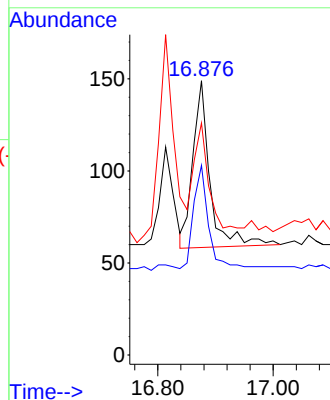
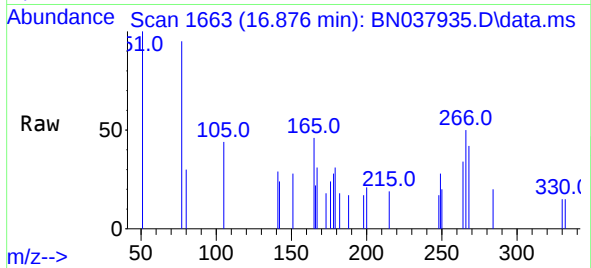




#24
Pentachlorophenol
Concen: 0.027 ng
RT: 16.876 min Scan# 1663
Delta R.T. 0.001 min
Lab File: BN037935.D
Acq: 29 Sep 2025 13:55

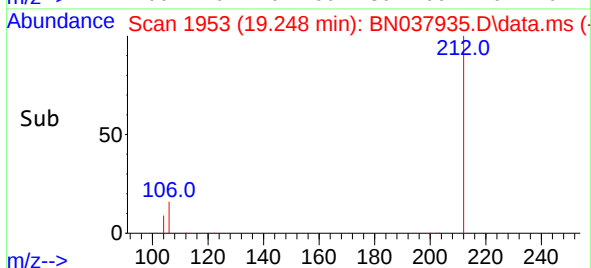
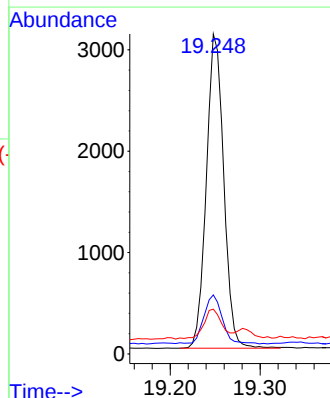
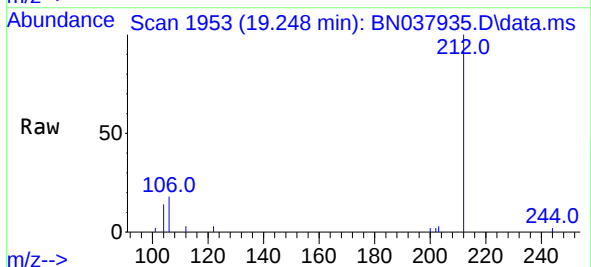
Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20250919

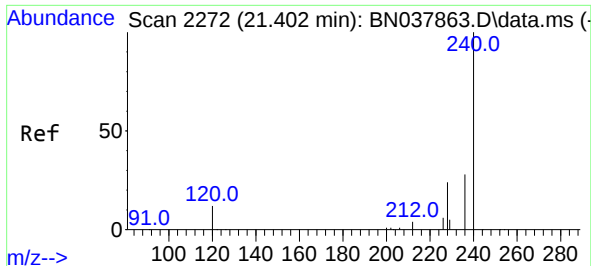
Tgt Ion:	266	Resp:	186
Ion	Ratio	Lower	Upper
266	100		
264	53.8	50.9	76.3
268	55.9	54.3	81.5



#27
Fluoranthene-d10
Concen: 0.065 ng
RT: 19.248 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BN037935.D
Acq: 29 Sep 2025 13:55

Tgt Ion:	212	Resp:	4172
Ion	Ratio	Lower	Upper
212	100		
106	16.7	12.6	19.0
104	9.8	7.4	11.0

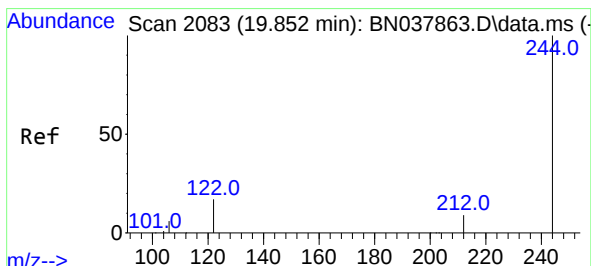
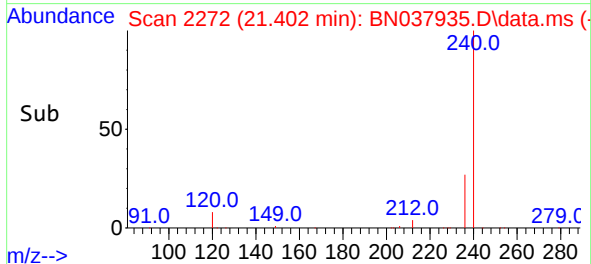
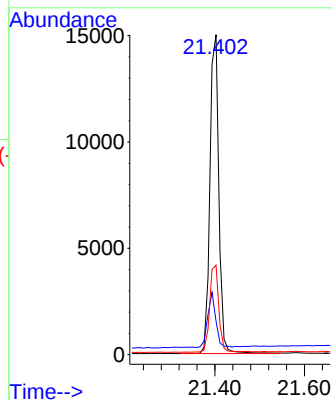
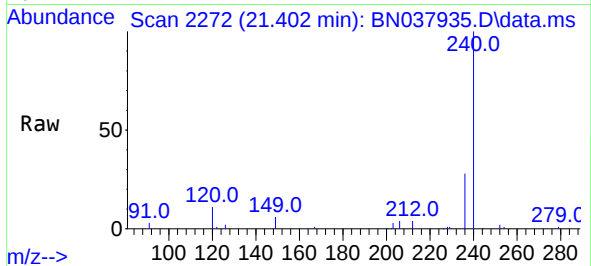




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN037935.D
Acq: 29 Sep 2025 13:55

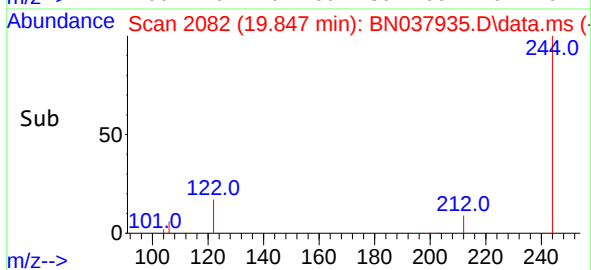
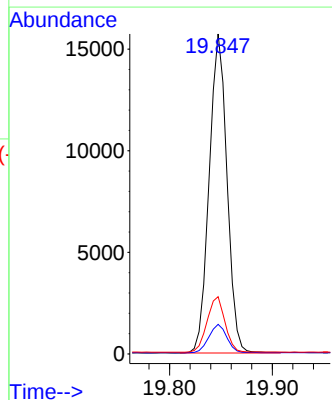
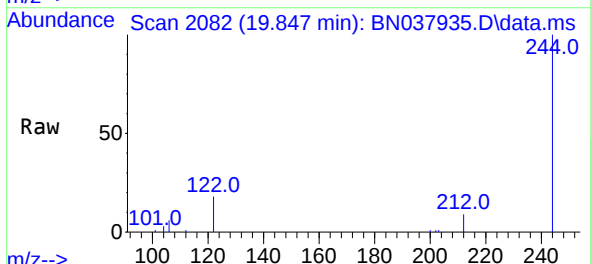
Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20250919

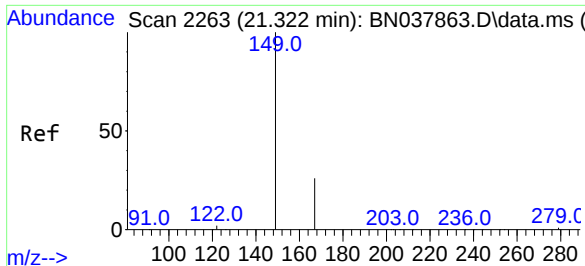
Tgt Ion:	240	Resp:	20793
Ion	Ratio	Lower	Upper
240	100		
120	10.5	11.4	17.2#
236	27.9	23.0	34.6



#31
Terphenyl-d14
Concen: 0.456 ng
RT: 19.847 min Scan# 2082
Delta R.T. -0.005 min
Lab File: BN037935.D
Acq: 29 Sep 2025 13:55

Tgt Ion:	244	Resp:	18900
Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.6	11.4
122	17.9	13.9	20.9

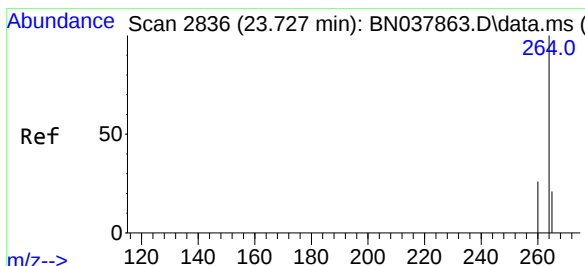
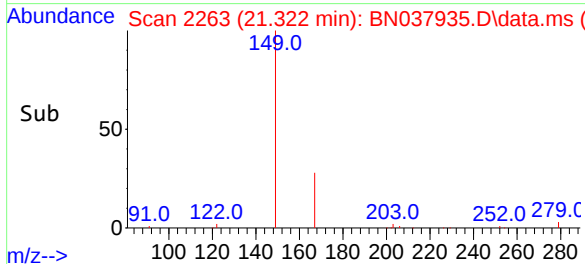
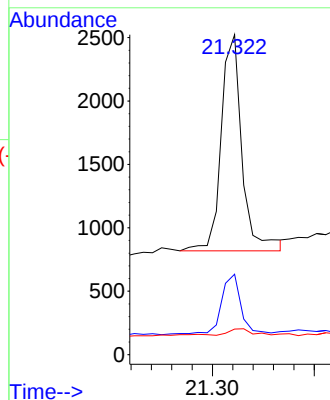
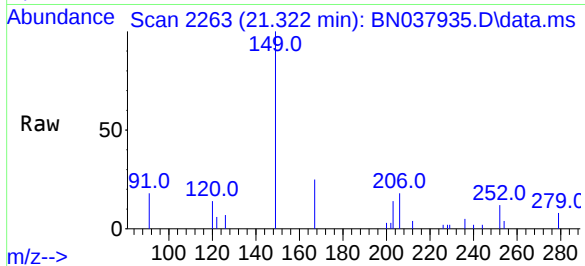




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.084 ng
RT: 21.322 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BN037935.D
Acq: 29 Sep 2025 13:55

Instrument :
BNA_N
ClientSampleId :
VPB184-HYD-20250919

Tgt Ion:149 Resp: 2420
Ion Ratio Lower Upper
149 100
167 24.6 20.4 30.6
279 4.2 2.4 3.6#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.724 min Scan# 2835
Delta R.T. -0.003 min
Lab File: BN037935.D
Acq: 29 Sep 2025 13:55

Tgt Ion:264 Resp: 17157
Ion Ratio Lower Upper
264 100
260 26.7 21.5 32.3
265 71.7 53.8 80.6

