

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092925\
 Data File : BN037936.D
 Acq On : 29 Sep 2025 14:32
 Operator : RC/JU
 Sample : Q3165-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-260-262

Quant Time: Sep 29 14:56:33 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)

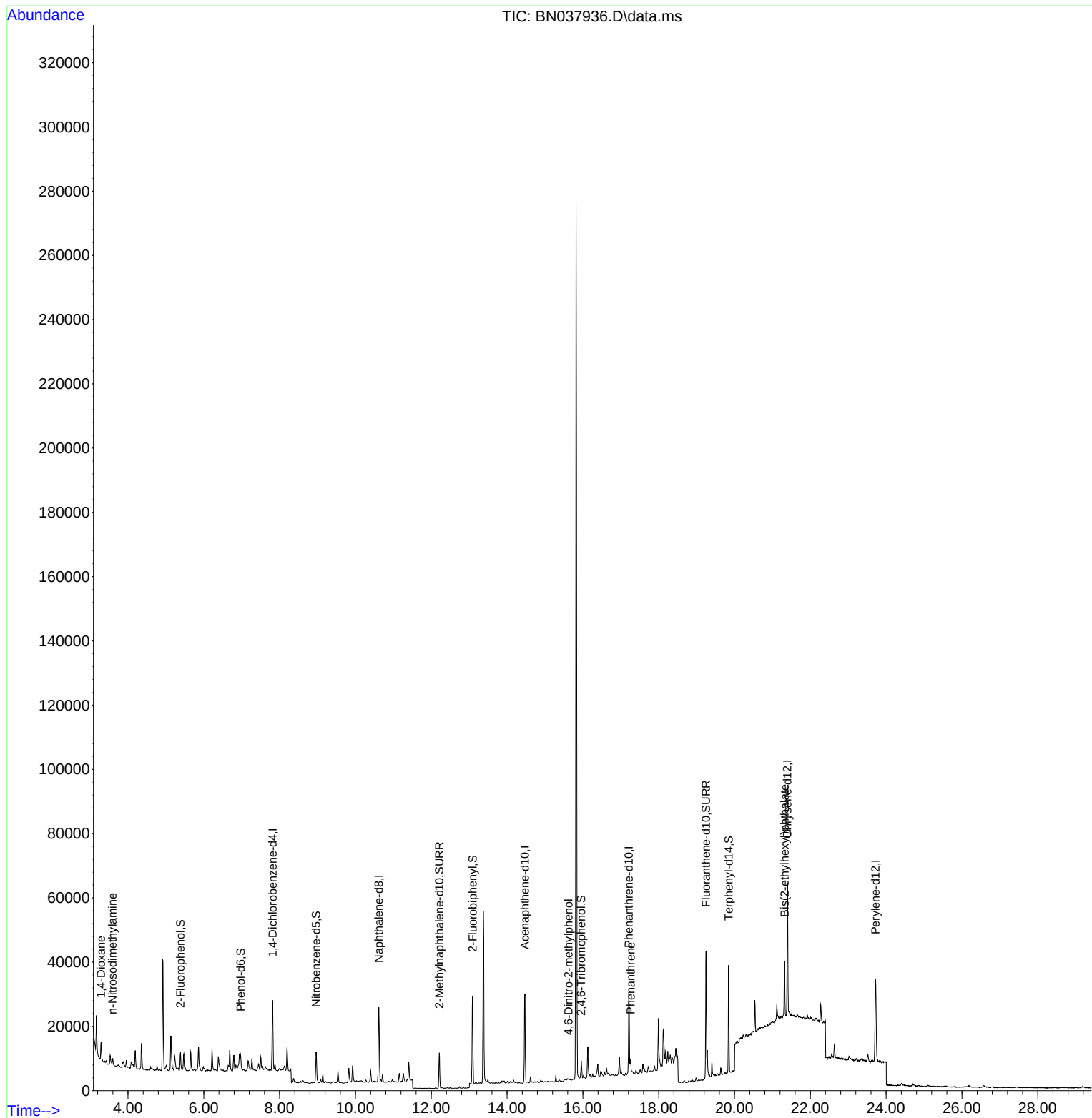
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	9861	0.400	ng	0.00
7) Naphthalene-d8	10.616	136	30069	0.400	ng	#-0.01
13) Acenaphthene-d10	14.473	164	16737	0.400	ng	0.00
19) Phenanthrene-d10	17.211	188	35434	0.400	ng	#-0.01
29) Chrysene-d12	21.393	240	36101	0.400	ng	# 0.00
35) Perylene-d12	23.721	264	36307	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	4259	0.189	ng	0.00
5) Phenol-d6	6.973	99	3855	0.130	ng	0.00
8) Nitrobenzene-d5	8.961	82	7422	0.324	ng	-0.01
11) 2-Methylnaphthalene-d10	12.212	152	14236	0.341	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	2939	0.463	ng	-0.01
15) 2-Fluorobiphenyl	13.094	172	23787	0.347	ng	0.00
27) Fluoranthene-d10	19.248	212	41170	0.462	ng	0.00
31) Terphenyl-d14	19.847	244	31102	0.433	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.290	88	3658	0.365	ng	# 76
3) n-Nitrosodimethylamine	3.593	42	388	0.029	ng	# 21
20) 4,6-Dinitro-2-methylph...	15.622	198	4	0.068	ng	# 1
25) Phenanthrene	17.260	178	4282	0.037	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.322	149	18281	0.366	ng	97

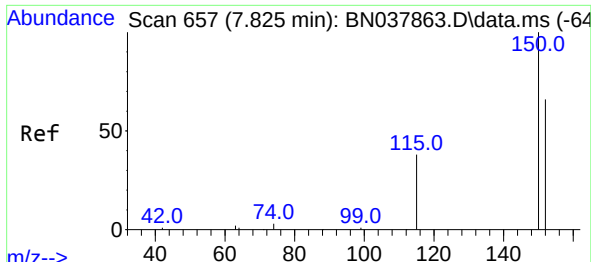
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092925\
Data File : BN037936.D
Acq On : 29 Sep 2025 14:32
Operator : RC/JU
Sample : Q3165-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-260-262

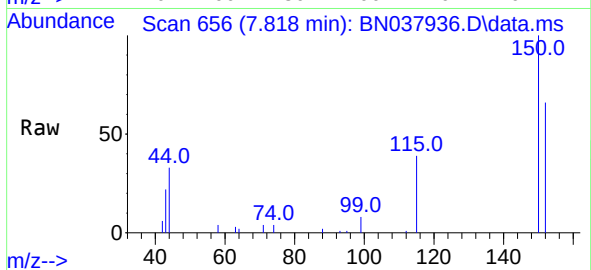
Quant Time: Sep 29 14:56:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
Response via : Initial Calibration





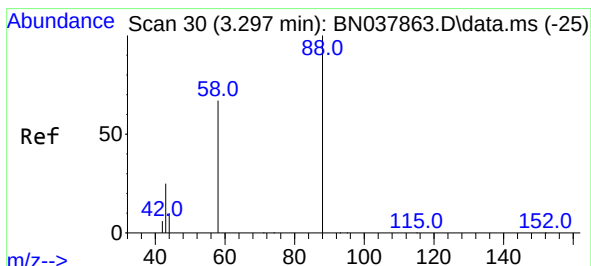
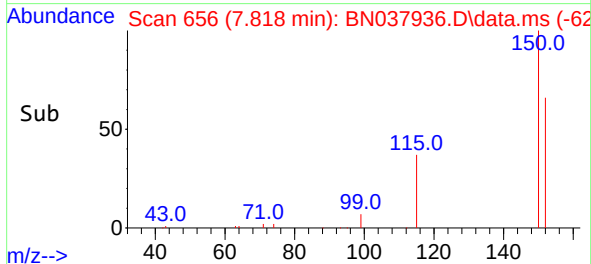
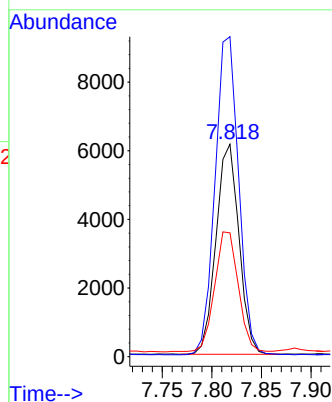
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.818 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037936.D
 Acq: 29 Sep 2025 14:32

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-260-262



Tgt Ion: 152 Resp: 9861

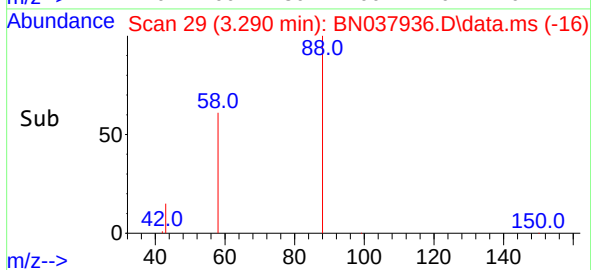
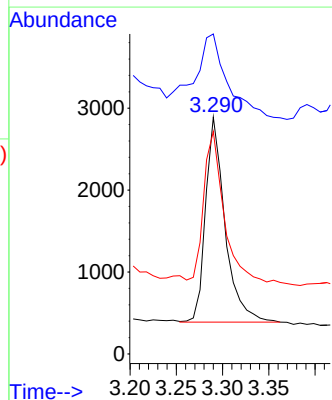
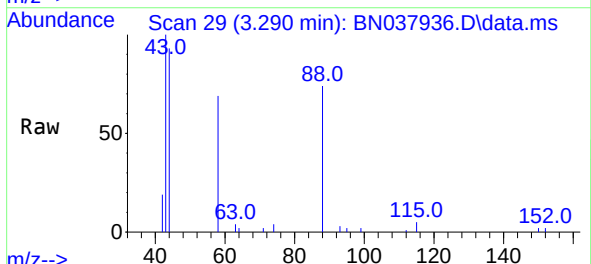
Ion	Ratio	Lower	Upper
152	100		
150	150.6	121.0	181.4
115	58.3	47.4	71.0

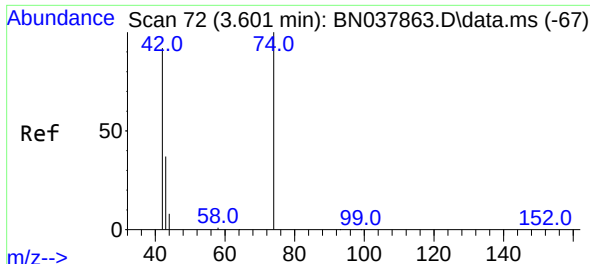


#2
 1,4-Dioxane
 Concen: 0.365 ng
 RT: 3.290 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN037936.D
 Acq: 29 Sep 2025 14:32

Tgt Ion: 88 Resp: 3658

Ion	Ratio	Lower	Upper
88	100		
43	73.1	26.6	39.8
58	76.3	58.9	88.3

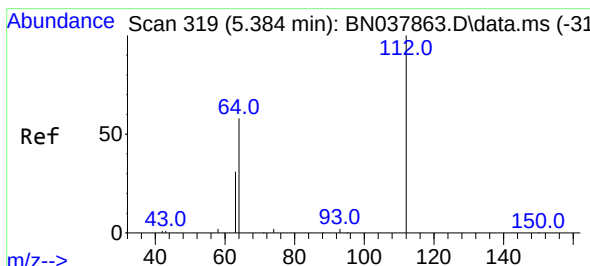
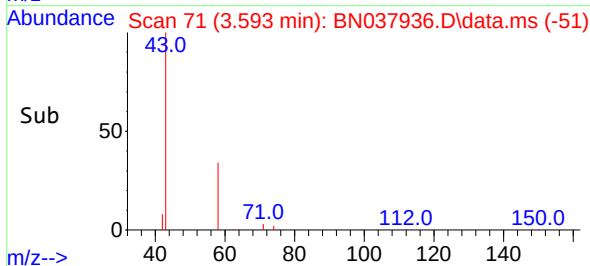
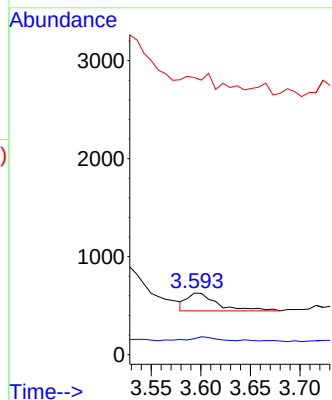
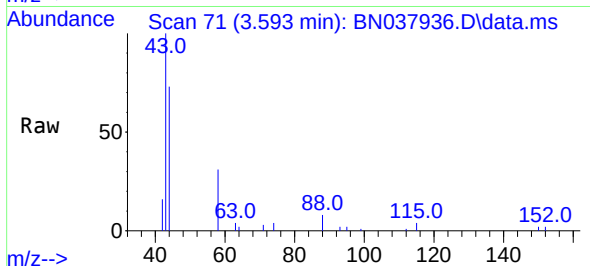




#3
n-Nitrosodimethylamine
Concen: 0.029 ng
RT: 3.593 min Scan# 71
Delta R.T. -0.007 min
Lab File: BN037936.D
Acq: 29 Sep 2025 14:32

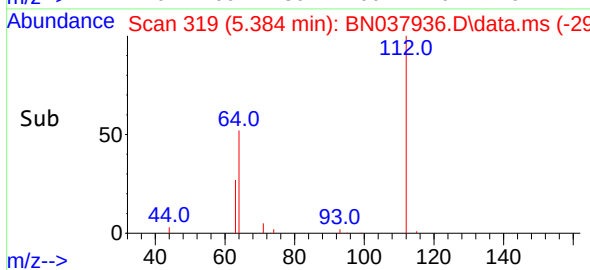
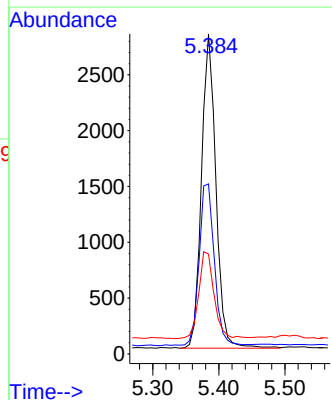
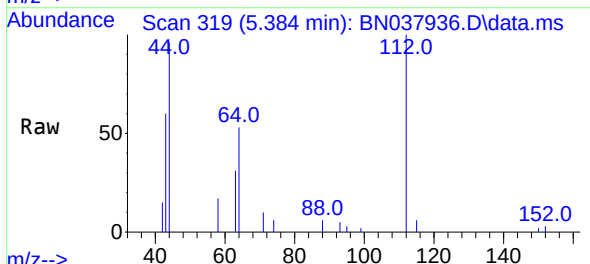
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-260-262

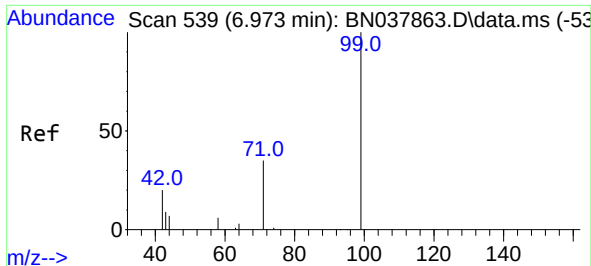
Tgt Ion: 42 Resp: 388
Ion Ratio Lower Upper
42 100
74 23.5 93.4 140.0#
44 0.0 22.2 33.4#



#4
2-Fluorophenol
Concen: 0.189 ng
RT: 5.384 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN037936.D
Acq: 29 Sep 2025 14:32

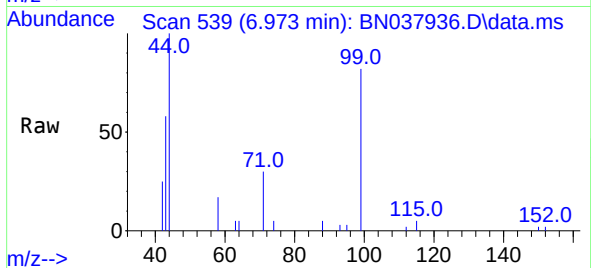
Tgt Ion: 112 Resp: 4259
Ion Ratio Lower Upper
112 100
64 54.9 44.6 66.8
63 29.5 24.9 37.3



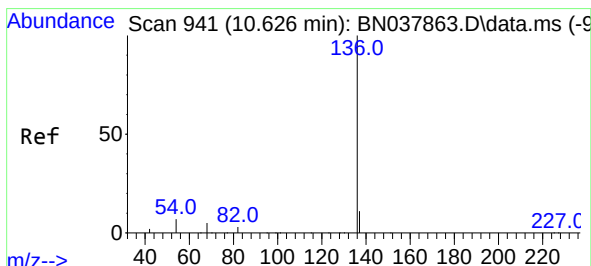
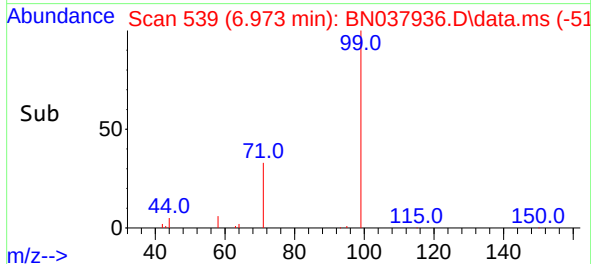
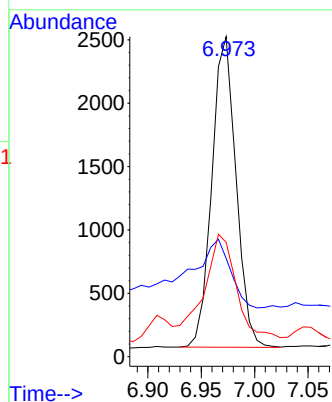


#5
Phenol-d6
Concen: 0.130 ng
RT: 6.973 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037936.D
Acq: 29 Sep 2025 14:32

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-260-262

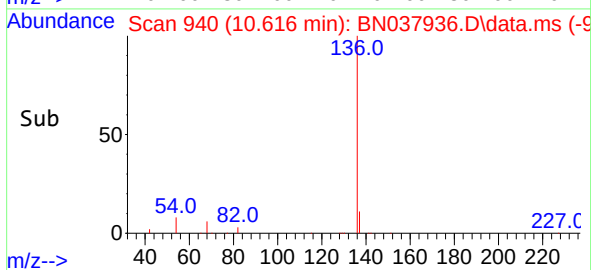
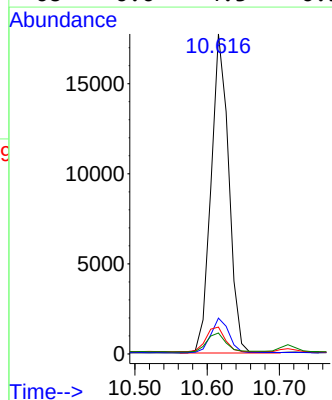
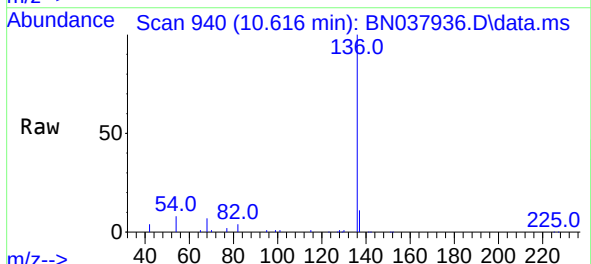


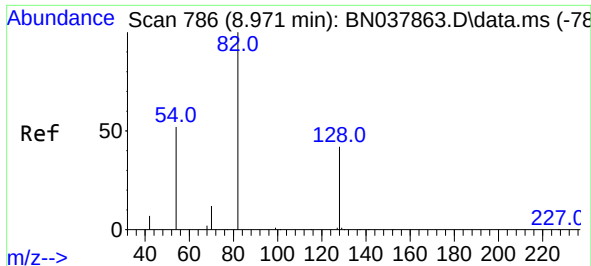
Tgt Ion: 99 Resp: 3855
Ion Ratio Lower Upper
99 100
42 46.9 17.2 25.8#
71 47.7 27.3 40.9#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 940
Delta R.T. -0.011 min
Lab File: BN037936.D
Acq: 29 Sep 2025 14:32

Tgt Ion: 136 Resp: 30069
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 8.4 5.8 8.8
68 6.6 4.3 6.5#

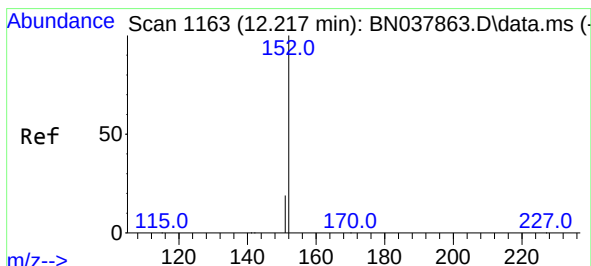
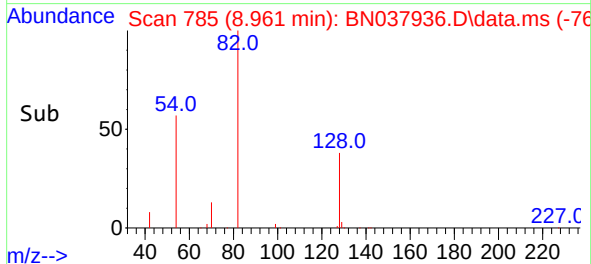
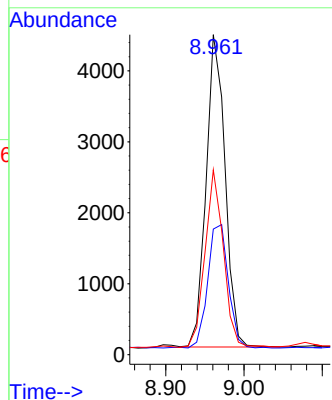
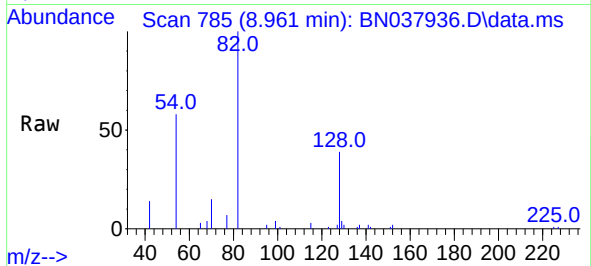




#8
Nitrobenzene-d5
Concen: 0.324 ng
RT: 8.961 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN037936.D
Acq: 29 Sep 2025 14:32

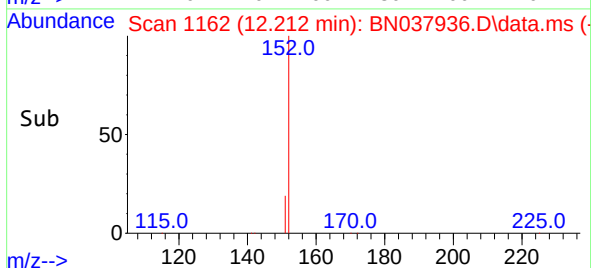
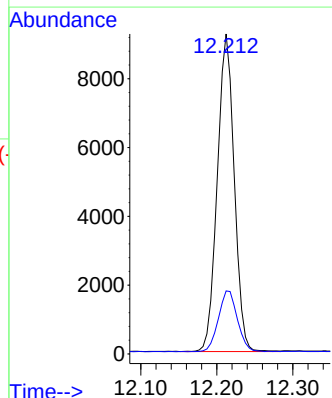
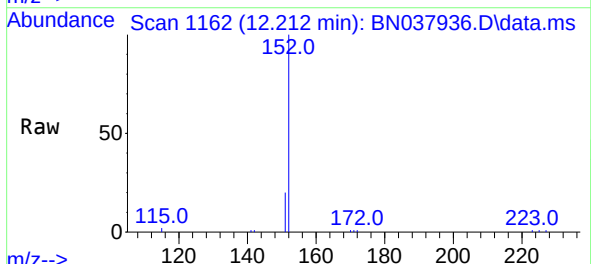
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-260-262

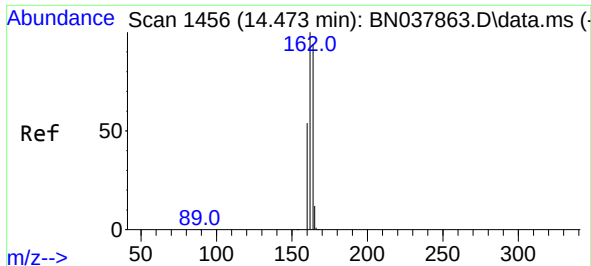
Tgt Ion: 82 Resp: 7422
Ion Ratio Lower Upper
82 100
128 39.2 34.8 52.2
54 57.8 42.2 63.2



#11
2-Methylnaphthalene-d10
Concen: 0.341 ng
RT: 12.212 min Scan# 1162
Delta R.T. -0.005 min
Lab File: BN037936.D
Acq: 29 Sep 2025 14:32

Tgt Ion: 152 Resp: 14236
Ion Ratio Lower Upper
152 100
151 21.5 17.4 26.2

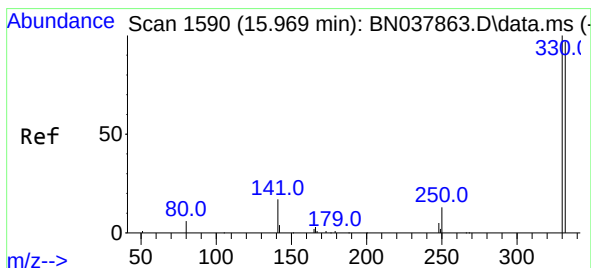
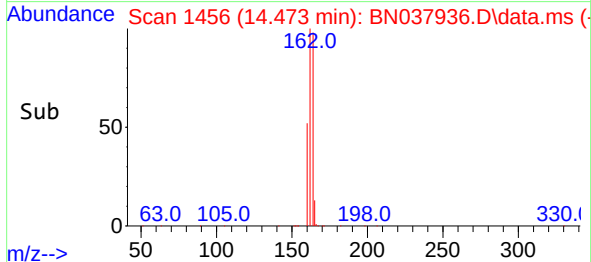
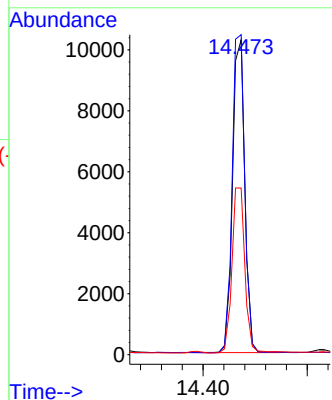
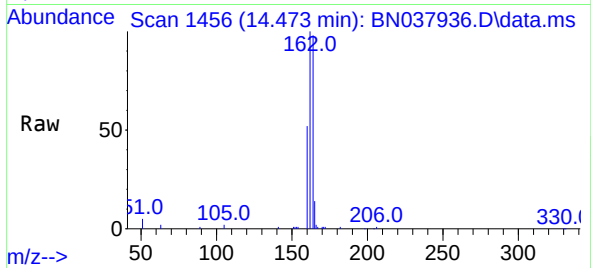




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BN037936.D
Acq: 29 Sep 2025 14:32

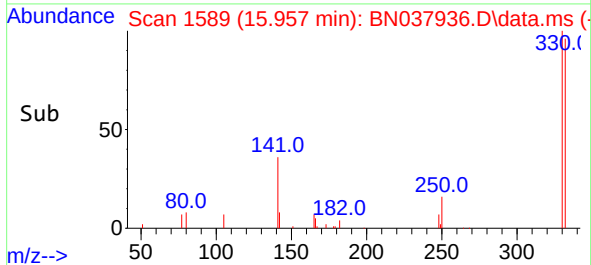
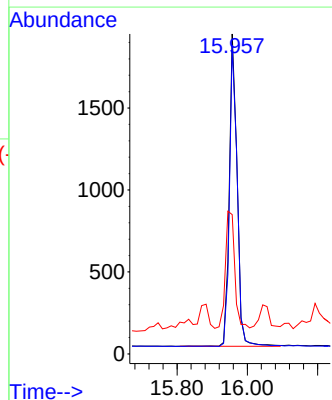
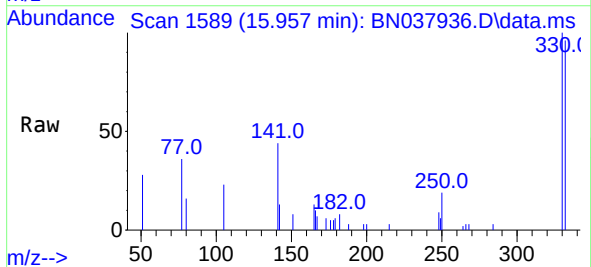
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-260-262

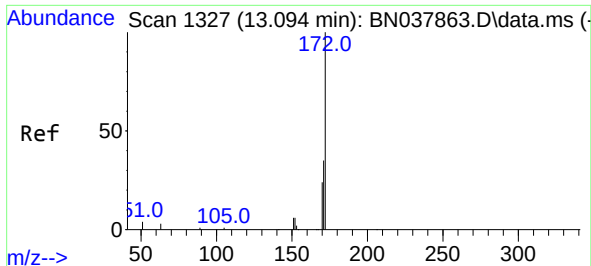
Tgt Ion:164 Resp: 16737
Ion Ratio Lower Upper
164 100
162 101.6 84.8 127.2
160 52.9 46.1 69.1



#14
2,4,6-Tribromophenol
Concen: 0.463 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN037936.D
Acq: 29 Sep 2025 14:32

Tgt Ion:330 Resp: 2939
Ion Ratio Lower Upper
330 100
332 96.0 77.2 115.8
141 44.4 37.2 55.8

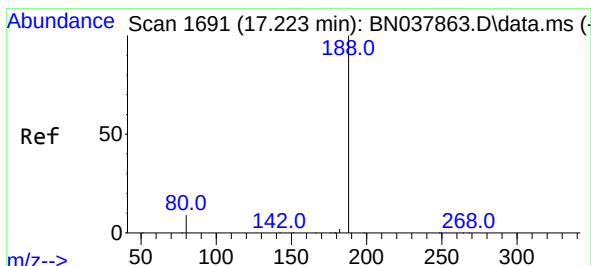
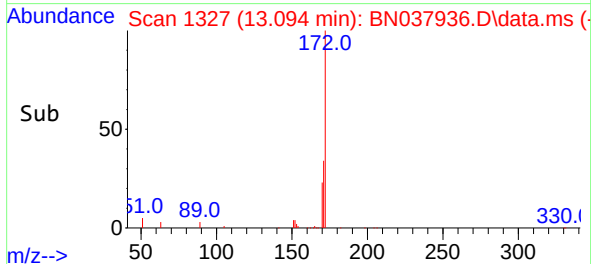
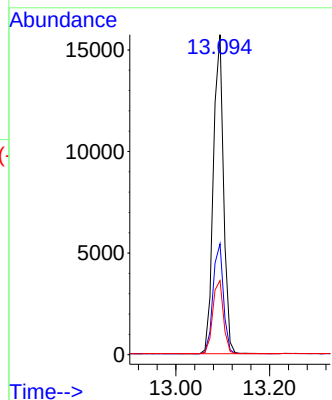
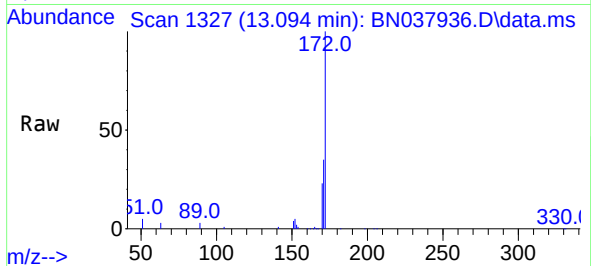




#15
2-Fluorobiphenyl
Concen: 0.347 ng
RT: 13.094 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037936.D
Acq: 29 Sep 2025 14:32

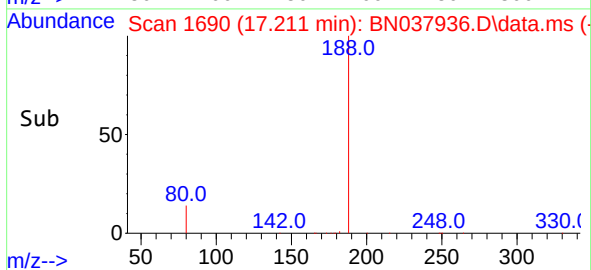
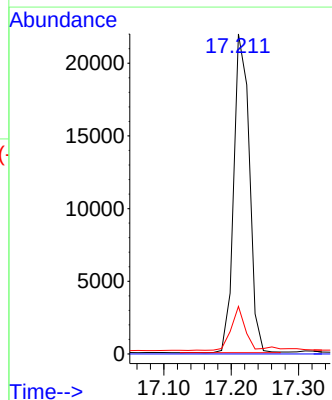
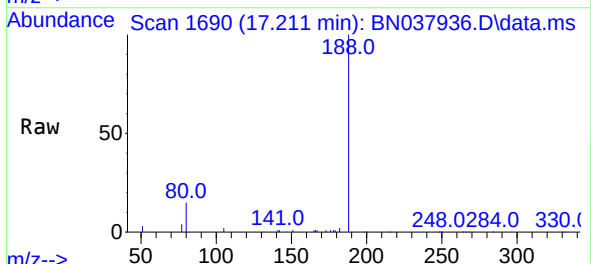
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-260-262

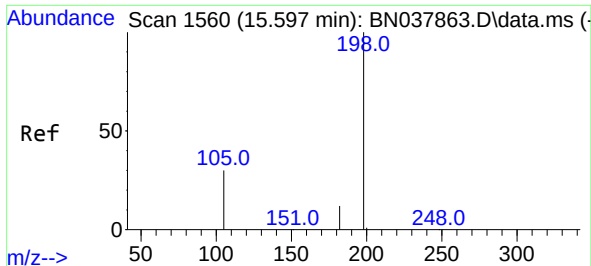
Tgt Ion:	172	Resp:	23787
Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.6	43.0
170	23.1	19.7	29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN037936.D
Acq: 29 Sep 2025 14:32

Tgt Ion:	188	Resp:	35434
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.9	7.6	11.4

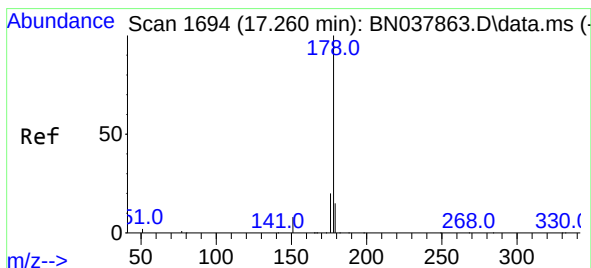
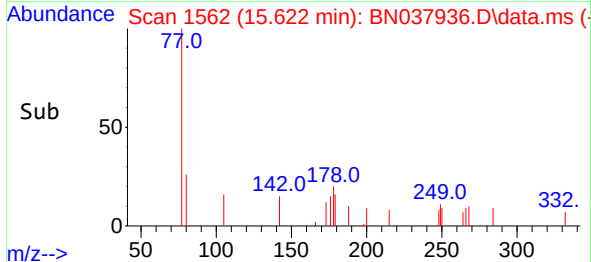
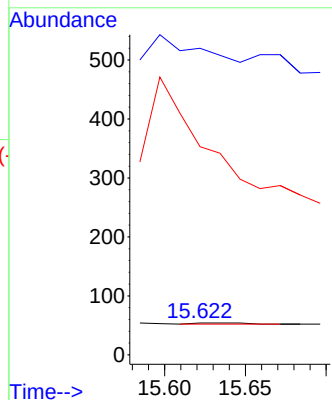
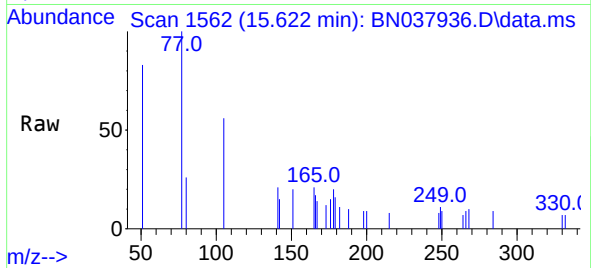




#20
4,6-Dinitro-2-methylphenol
Concen: 0.068 ng
RT: 15.622 min Scan# 1562
Delta R.T. 0.025 min
Lab File: BN037936.D
Acq: 29 Sep 2025 14:32

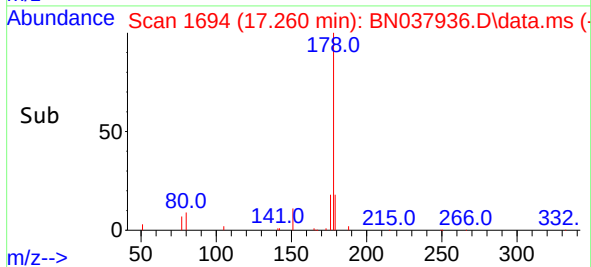
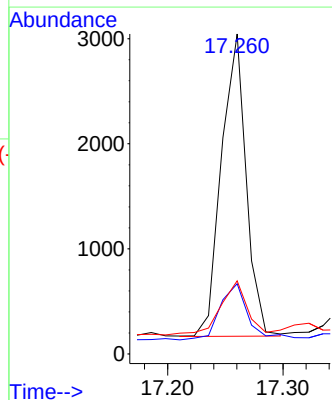
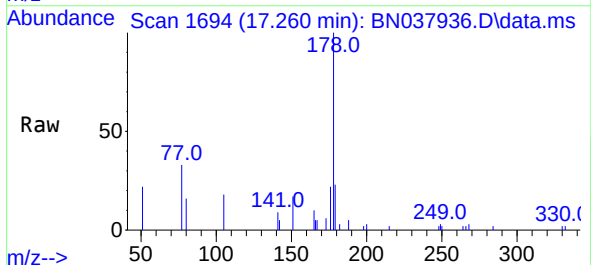
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-260-262

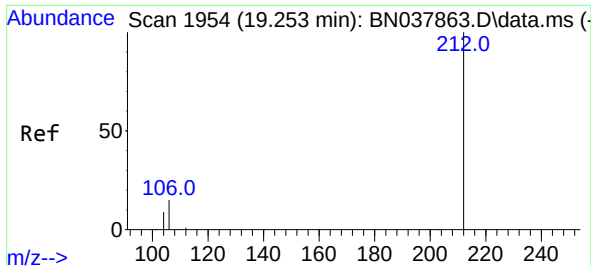
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 963.0 59.1 88.7#
105 653.7 41.3 61.9#



#25
Phenanthrene
Concen: 0.037 ng
RT: 17.260 min Scan# 1694
Delta R.T. 0.000 min
Lab File: BN037936.D
Acq: 29 Sep 2025 14:32

Tgt Ion:178 Resp: 4282
Ion Ratio Lower Upper
178 100
176 22.1 15.7 23.5
179 21.6 12.3 18.5#

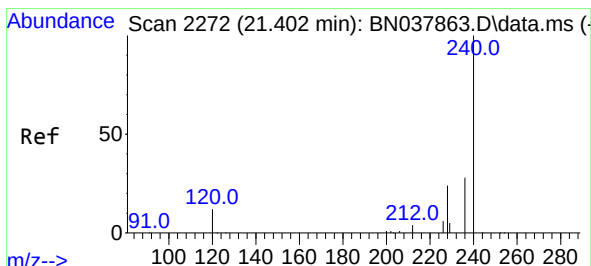
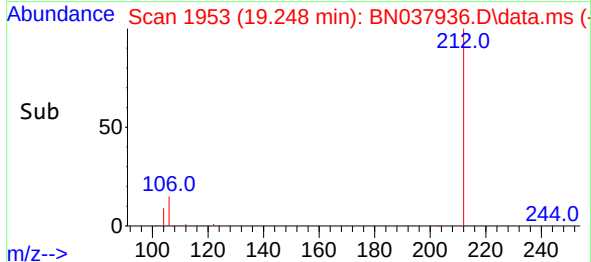
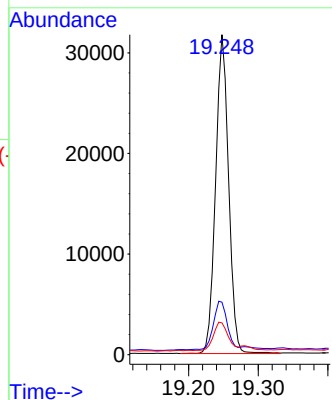
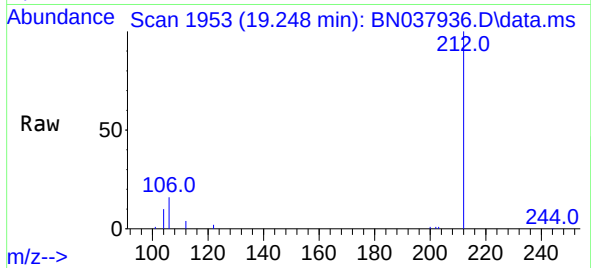




#27
Fluoranthene-d10
Concen: 0.462 ng
RT: 19.248 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BN037936.D
Acq: 29 Sep 2025 14:32

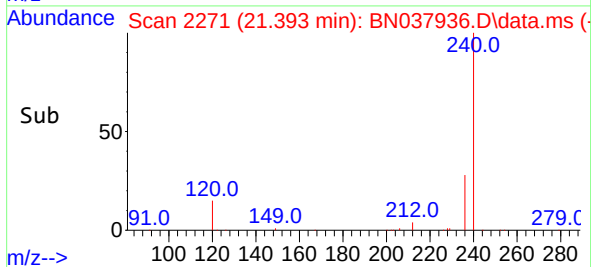
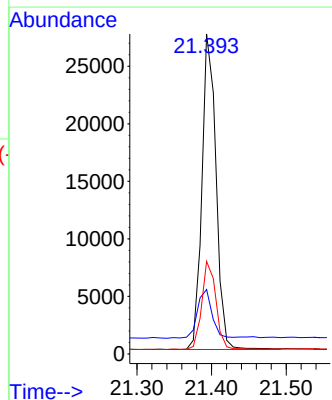
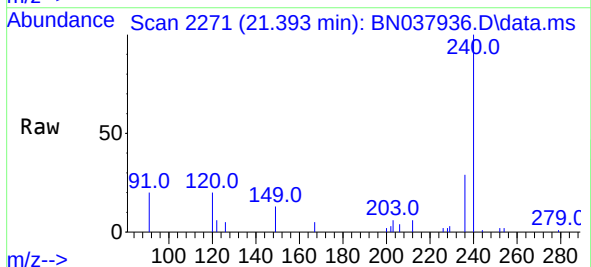
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-260-262

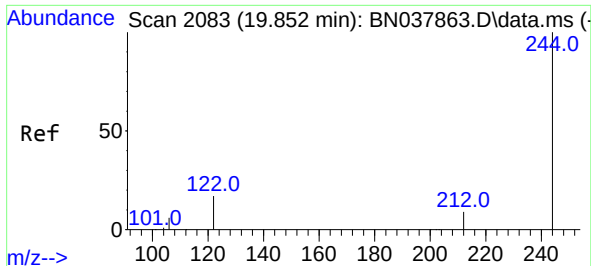
Tgt Ion:212 Resp: 41170
Ion Ratio Lower Upper
212 100
106 17.1 12.6 19.0
104 9.8 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN037936.D
Acq: 29 Sep 2025 14:32

Tgt Ion:240 Resp: 36101
Ion Ratio Lower Upper
240 100
120 20.1 11.4 17.2#
236 28.9 23.0 34.6

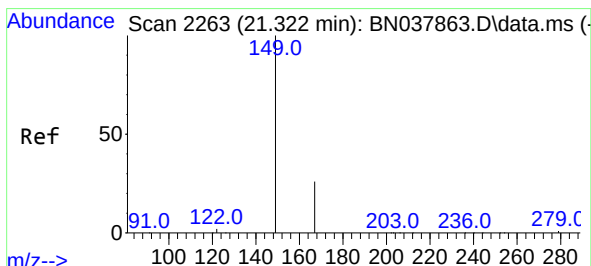
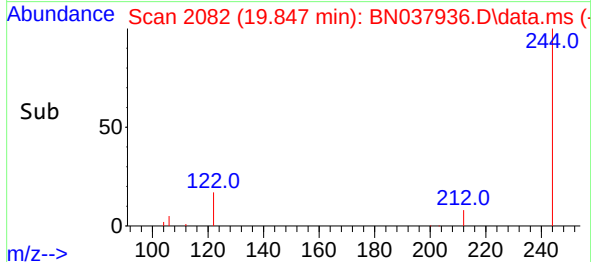
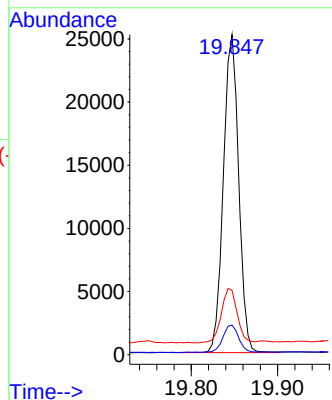
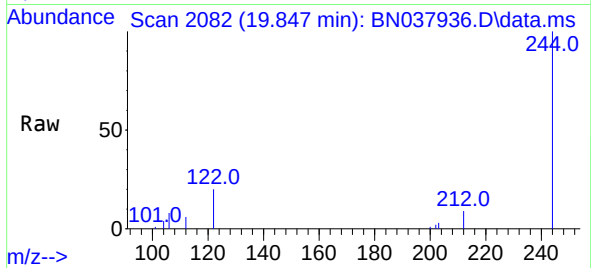




#31
 Terphenyl-d14
 Concen: 0.433 ng
 RT: 19.847 min Scan# 2082
 Delta R.T. -0.005 min
 Lab File: BN037936.D
 Acq: 29 Sep 2025 14:32

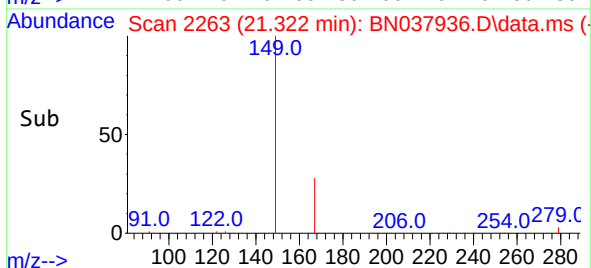
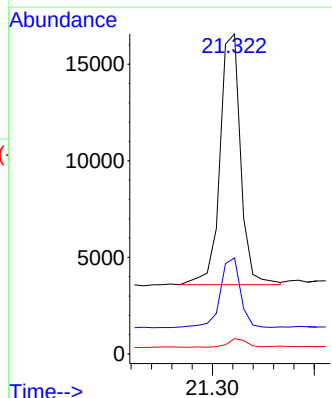
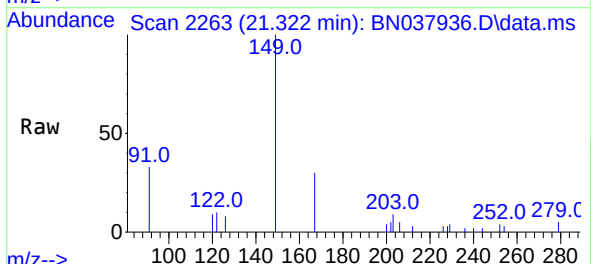
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-260-262

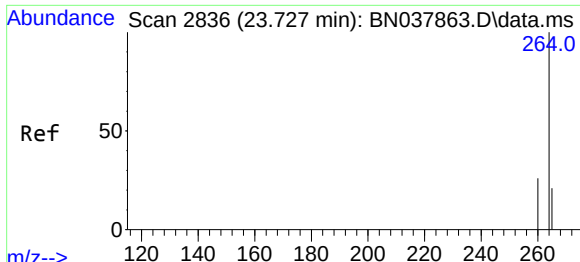
Tgt Ion:244 Resp: 31102
 Ion Ratio Lower Upper
 244 100
 212 9.3 7.6 11.4
 122 20.1 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.366 ng
 RT: 21.322 min Scan# 2263
 Delta R.T. 0.000 min
 Lab File: BN037936.D
 Acq: 29 Sep 2025 14:32

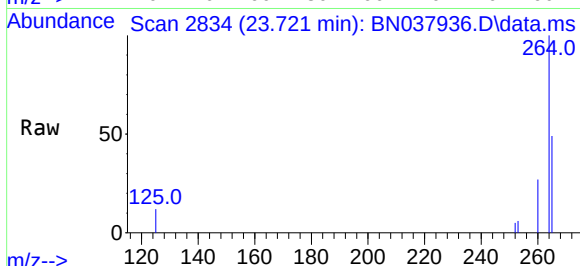
Tgt Ion:149 Resp: 18281
 Ion Ratio Lower Upper
 149 100
 167 27.1 20.4 30.6
 279 3.0 2.4 3.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.721 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN037936.D
Acq: 29 Sep 2025 14:32

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-260-262



Tgt Ion:264 Resp: 36307

Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.5	32.3
265	48.8	53.8	80.6#

