

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
 Data File : BN037890.D
 Acq On : 25 Sep 2025 15:48
 Operator : RC/JU
 Sample : Q3141-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-60-62

Quant Time: Sep 25 16:17:20 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)

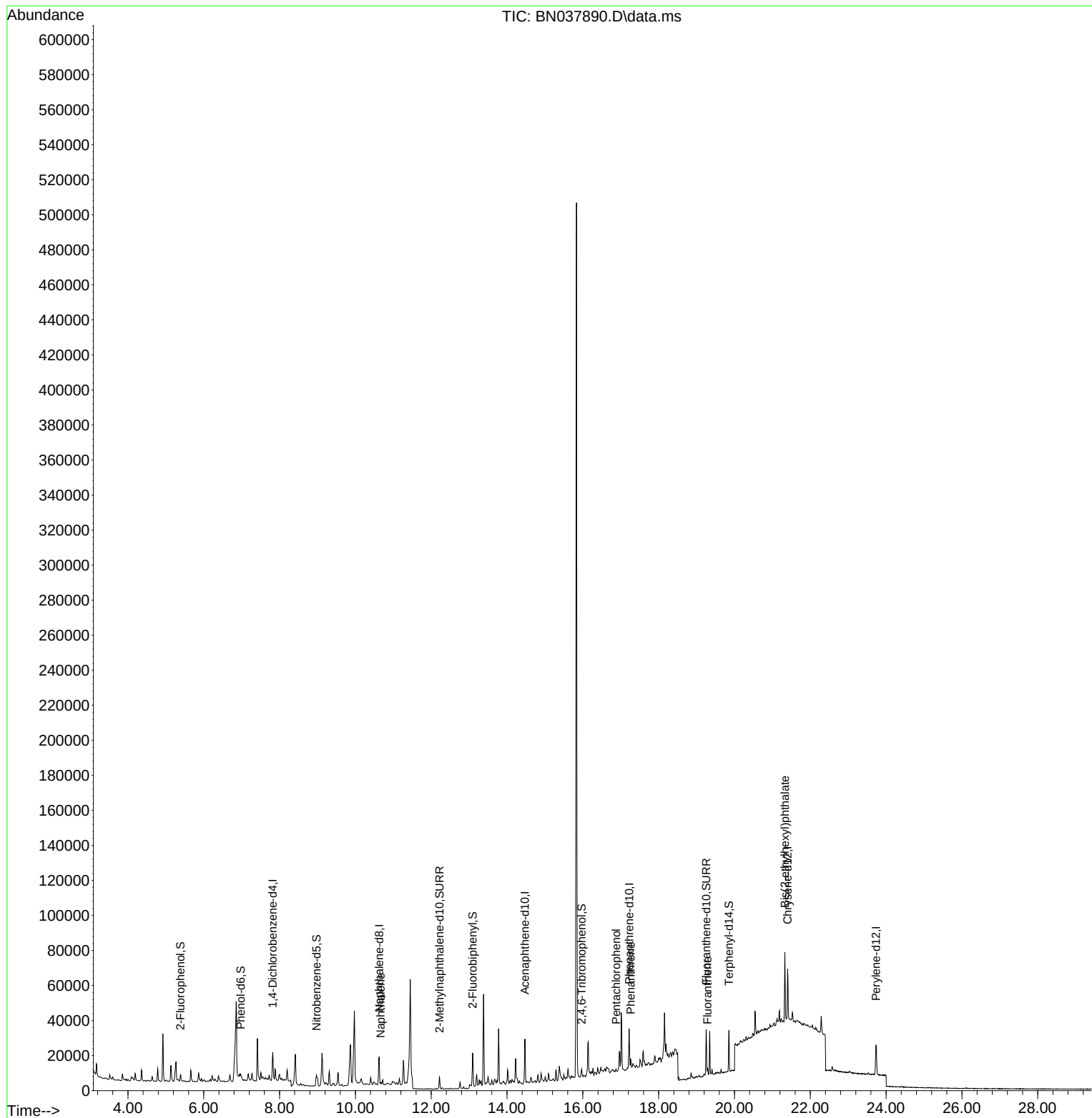
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	6755	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	21716	0.400	ng	0.00
13) Acenaphthene-d10	14.473	164	14305	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	28336	0.400	ng	0.00
29) Chrysene-d12	21.402	240	25331	0.400	ng	# 0.00
35) Perylene-d12	23.736	264	23209	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	2545	0.165	ng	0.00
5) Phenol-d6	6.973	99	2747	0.136	ng	0.00
8) Nitrobenzene-d5	8.971	82	4532	0.274	ng	0.00
11) 2-Methylnaphthalene-d10	12.217	152	8696	0.288	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	2508	0.462	ng	0.00
15) 2-Fluorobiphenyl	13.094	172	15248	0.260	ng	0.00
27) Fluoranthene-d10	19.252	212	29101	0.408	ng	0.00
31) Terphenyl-d14	19.852	244	22383	0.444	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.669	128	1885	0.032	ng	# 84
24) Pentachlorophenol	16.875	266	217	0.028	ng	92
25) Phenanthrene	17.260	178	6152	0.066	ng	# 90
28) Fluoranthene	19.285	202	2391	0.023	ng	# 62
34) Bis(2-ethylhexyl)phtha...	21.331	149	30636	0.875	ng	# 95

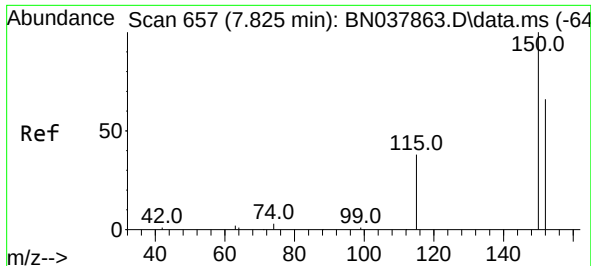
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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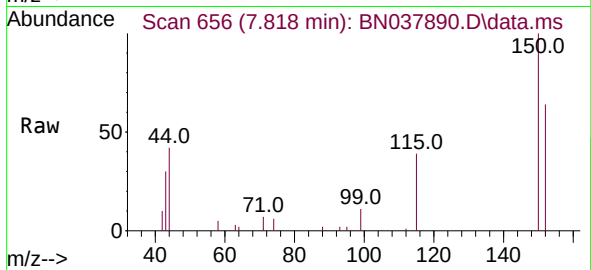
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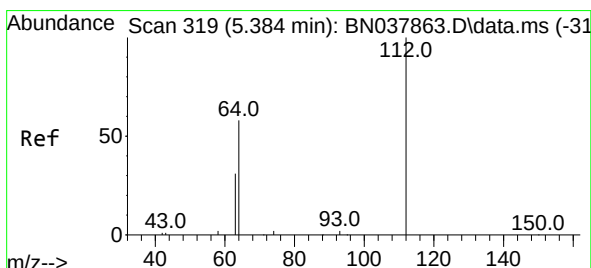
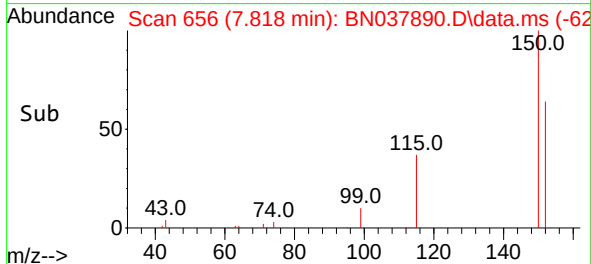
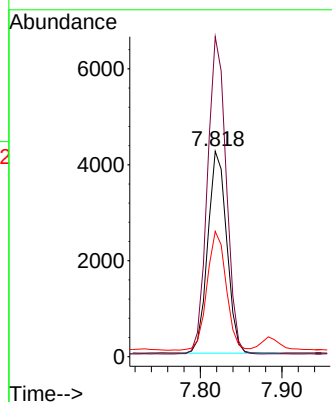


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.818 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037890.D
Acq: 25 Sep 2025 15:48

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-60-62

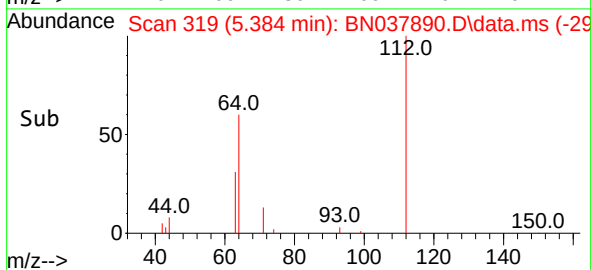
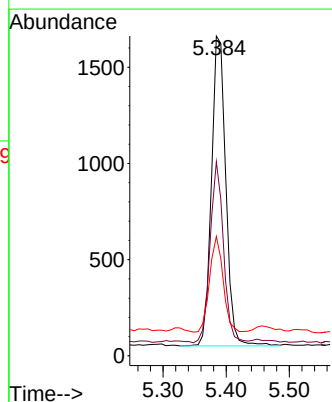
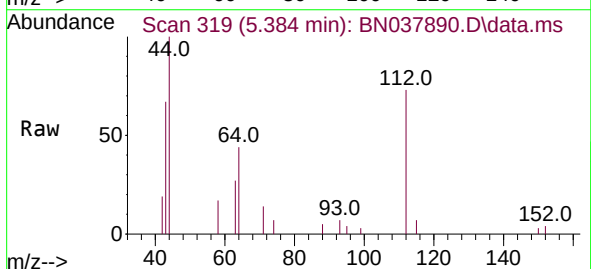


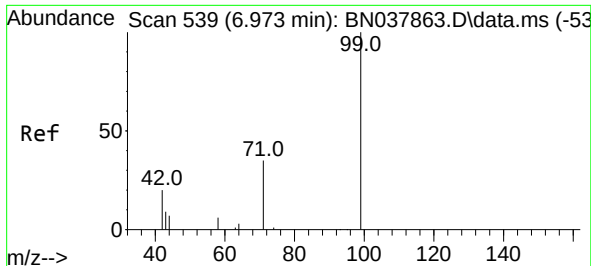
Tgt Ion:152 Resp: 6755
Ion Ratio Lower Upper
152 100
150 155.9 121.0 181.4
115 61.0 47.4 71.0



#4
2-Fluorophenol
Concen: 0.165 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN037890.D
Acq: 25 Sep 2025 15:48

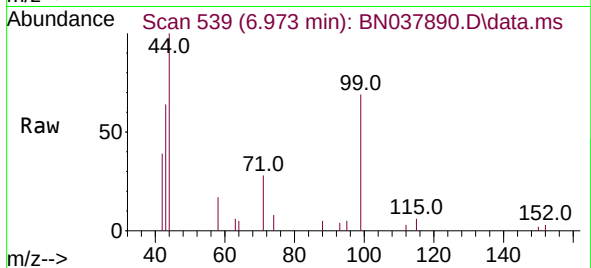
Tgt Ion:112 Resp: 2545
Ion Ratio Lower Upper
112 100
64 54.7 44.6 66.8
63 29.8 24.9 37.3



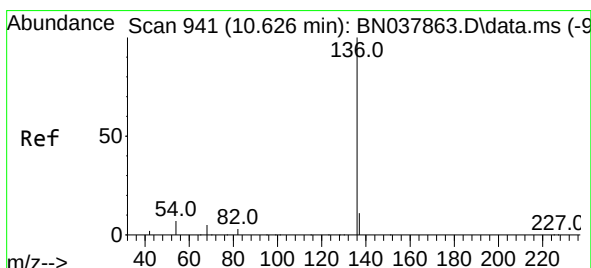
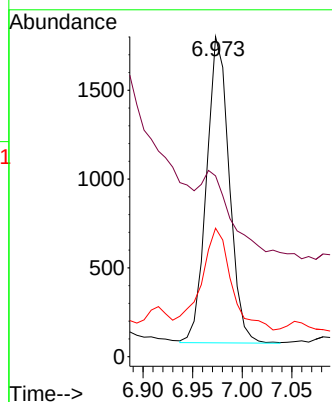
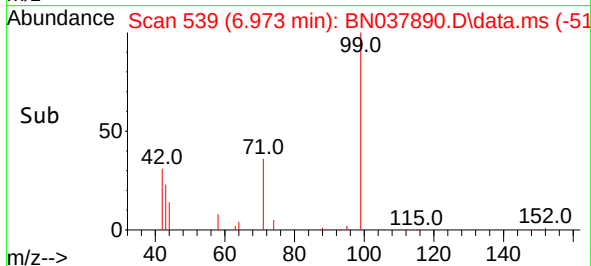


#5
Phenol-d6
Concen: 0.136 ng
RT: 6.973 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037890.D
Acq: 25 Sep 2025 15:48

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-60-62

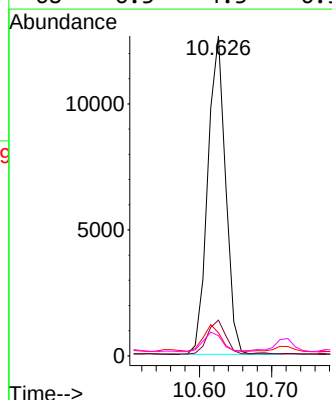
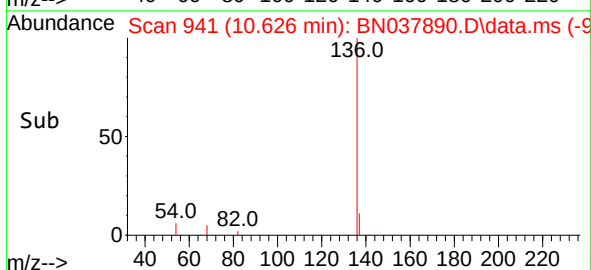
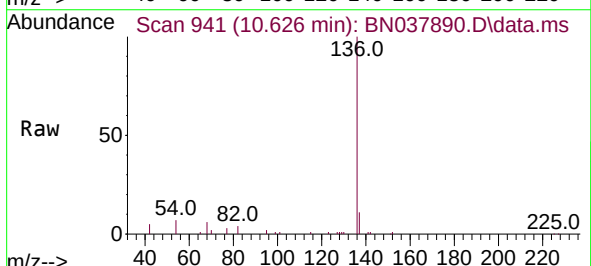


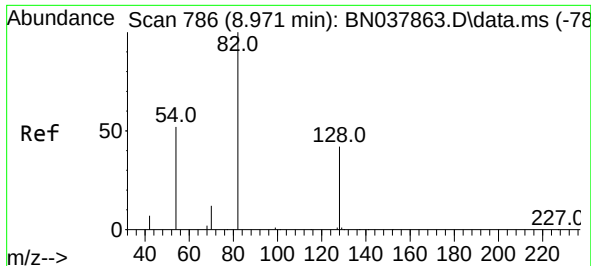
Tgt Ion: 99 Resp: 2747
Ion Ratio Lower Upper
99 100
42 0.0 17.2 25.8#
71 46.7 27.3 40.9#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN037890.D
Acq: 25 Sep 2025 15:48

Tgt Ion: 136 Resp: 21716
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 7.2 5.8 8.8
68 6.3 4.3 6.5

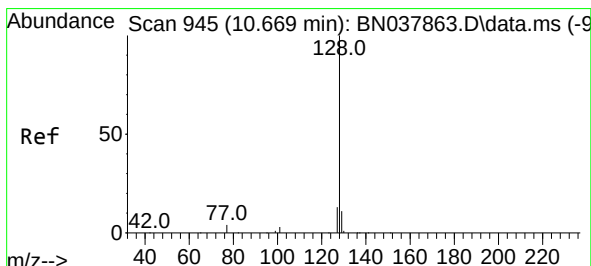
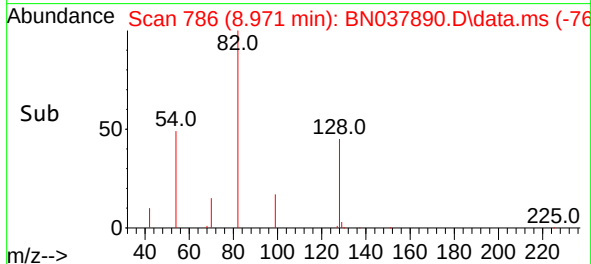
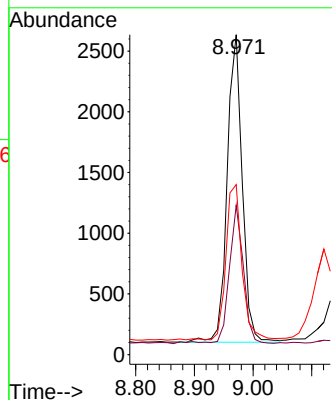
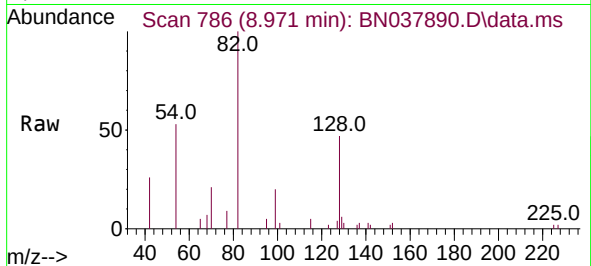




#8
 Nitrobenzene-d5
 Concen: 0.274 ng
 RT: 8.971 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: BN037890.D
 Acq: 25 Sep 2025 15:48

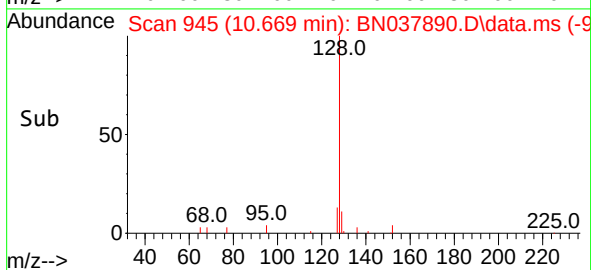
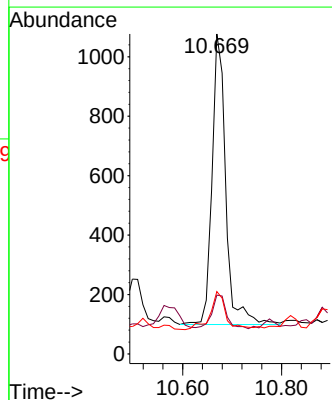
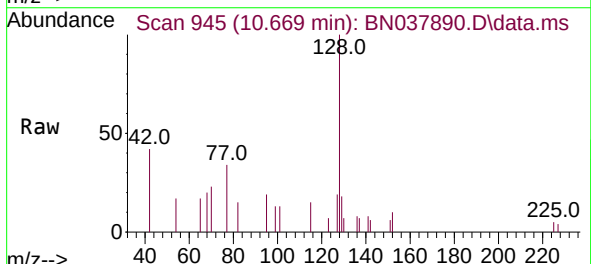
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-60-62

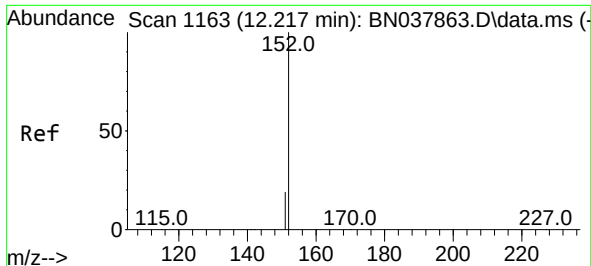
Tgt Ion: 82 Resp: 4532
 Ion Ratio Lower Upper
 82 100
 128 46.7 34.8 52.2
 54 53.1 42.2 63.2



#9
 Naphthalene
 Concen: 0.032 ng
 RT: 10.669 min Scan# 945
 Delta R.T. -0.000 min
 Lab File: BN037890.D
 Acq: 25 Sep 2025 15:48

Tgt Ion: 128 Resp: 1885
 Ion Ratio Lower Upper
 128 100
 129 18.4 9.2 13.8#
 127 19.5 11.0 16.6#

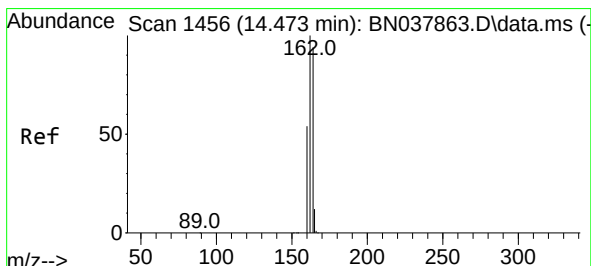
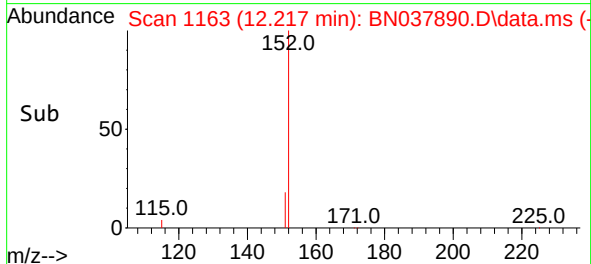
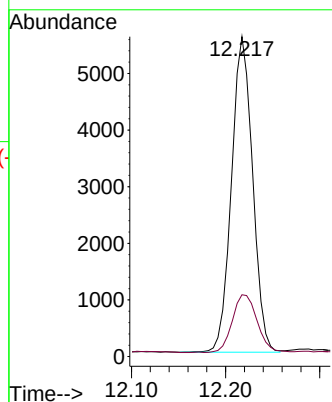
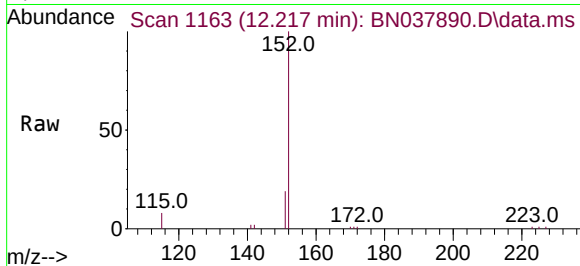




#11
2-Methylnaphthalene-d10
Concen: 0.288 ng
RT: 12.217 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BN037890.D
Acq: 25 Sep 2025 15:48

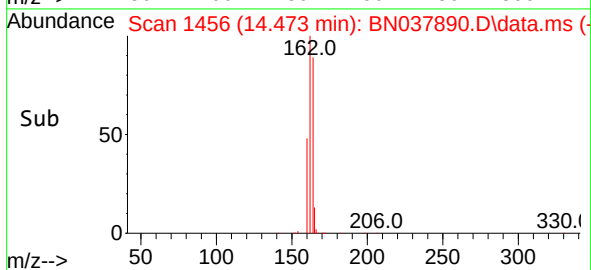
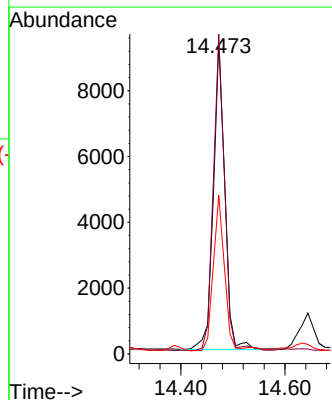
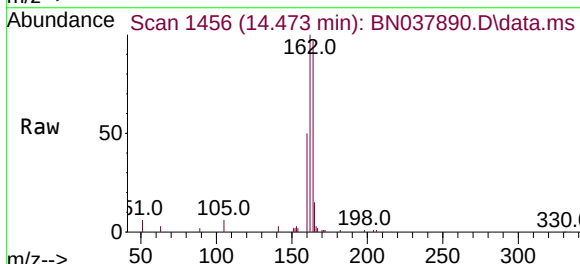
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-60-62

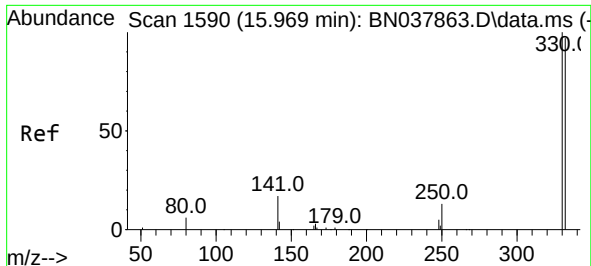
Tgt Ion:152 Resp: 8696
Ion Ratio Lower Upper
152 100
151 21.4 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BN037890.D
Acq: 25 Sep 2025 15:48

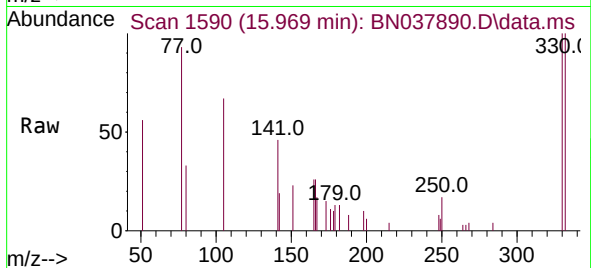
Tgt Ion:164 Resp: 14305
Ion Ratio Lower Upper
164 100
162 102.7 84.8 127.2
160 50.9 46.1 69.1



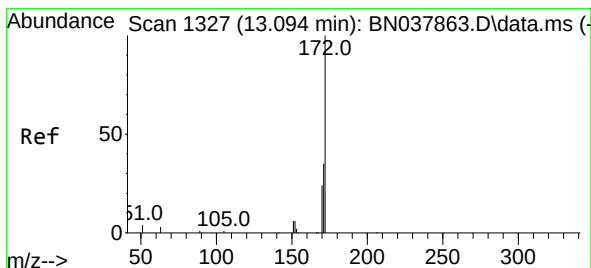
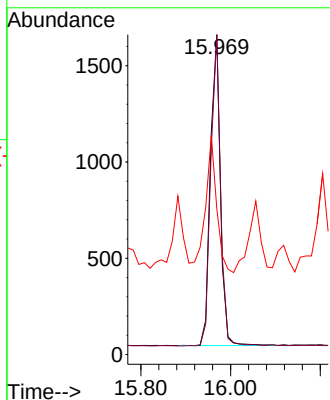
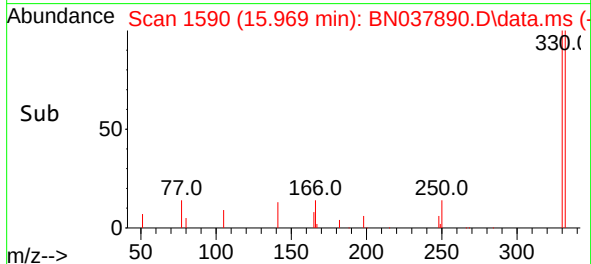


#14
 2,4,6-Tribromophenol
 Concen: 0.462 ng
 RT: 15.969 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN037890.D
 Acq: 25 Sep 2025 15:48

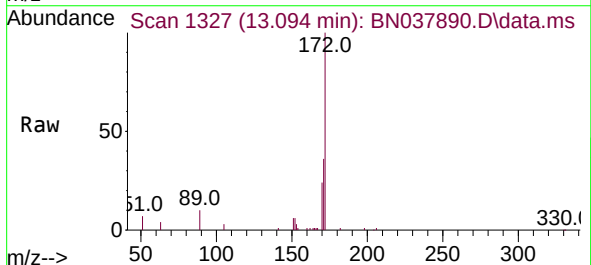
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-60-62



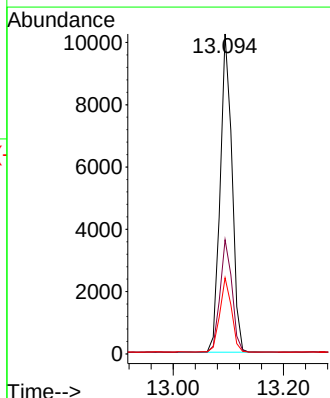
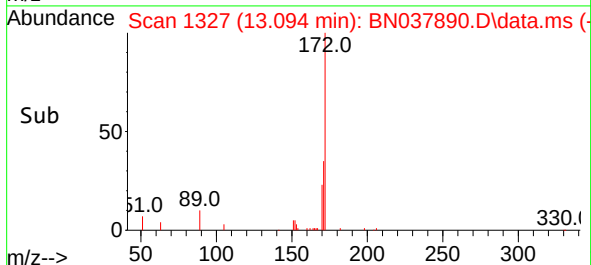
Tgt Ion:330 Resp: 2508
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.2 115.8
 141 49.7 37.2 55.8

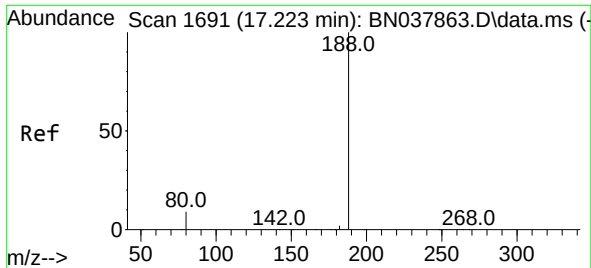


#15
 2-Fluorobiphenyl
 Concen: 0.260 ng
 RT: 13.094 min Scan# 1327
 Delta R.T. -0.000 min
 Lab File: BN037890.D
 Acq: 25 Sep 2025 15:48



Tgt Ion:172 Resp: 15248
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 23.8 19.7 29.5

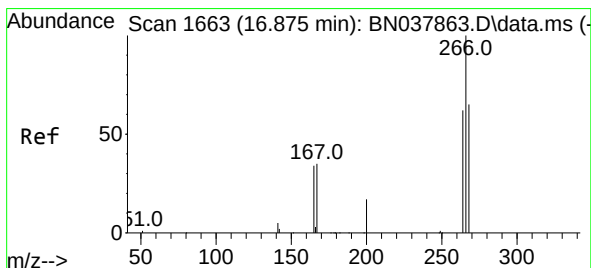
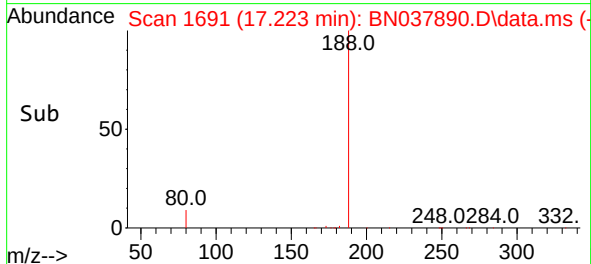
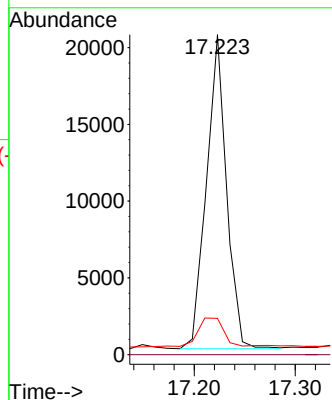
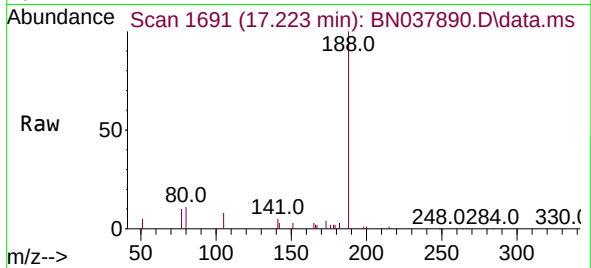




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN037890.D
Acq: 25 Sep 2025 15:48

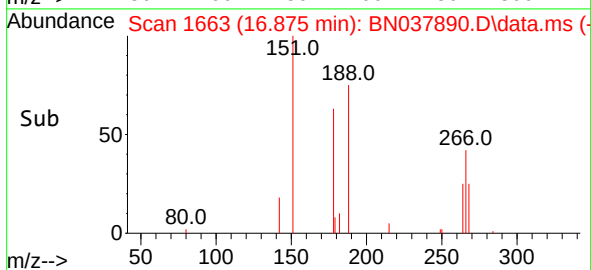
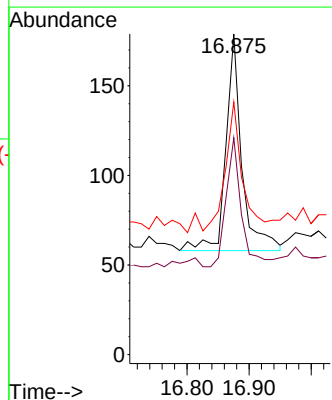
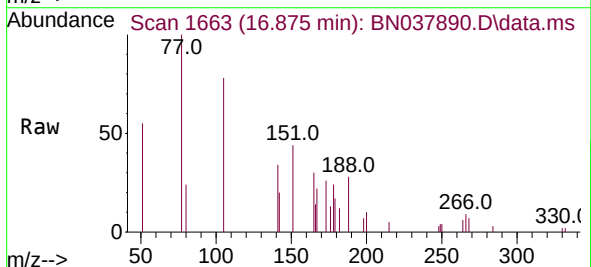
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ClientSampleId :
BP-VPB-184-GW-60-62

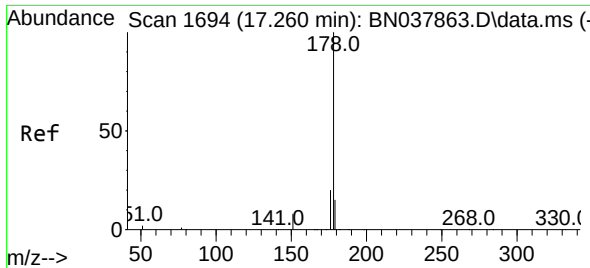
Tgt Ion:188 Resp: 28336
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.3 7.6 11.4



#24
Pentachlorophenol
Concen: 0.028 ng
RT: 16.875 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BN037890.D
Acq: 25 Sep 2025 15:48

Tgt Ion:266 Resp: 217
Ion Ratio Lower Upper
266 100
264 57.1 50.9 76.3
268 61.8 54.3 81.5

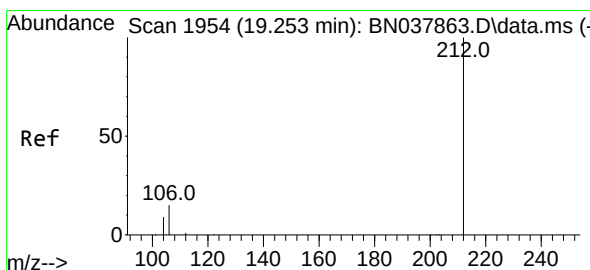
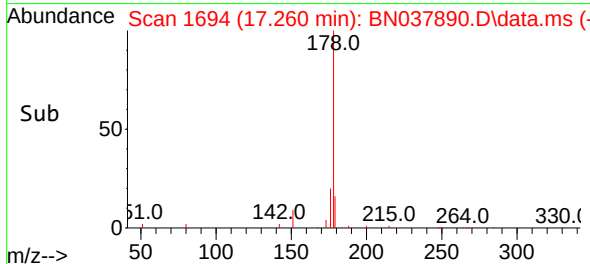
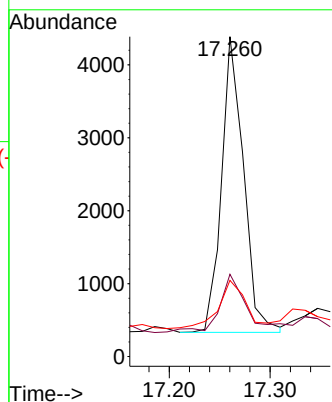
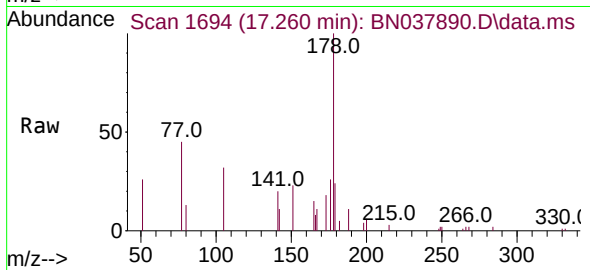




#25
Phenanthrene
Concen: 0.066 ng
RT: 17.260 min Scan# 1694
Delta R.T. -0.000 min
Lab File: BN037890.D
Acq: 25 Sep 2025 15:48

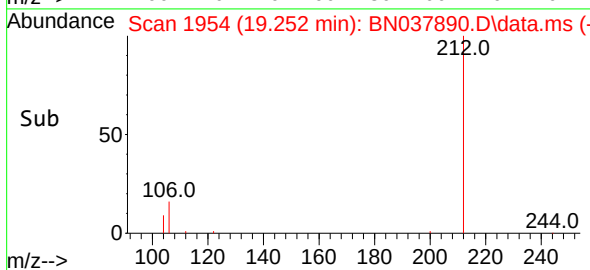
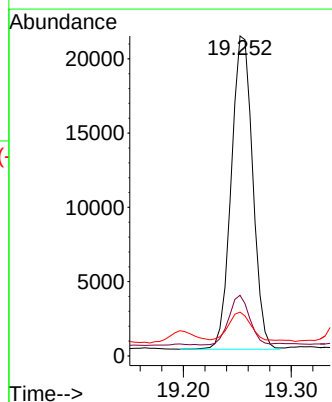
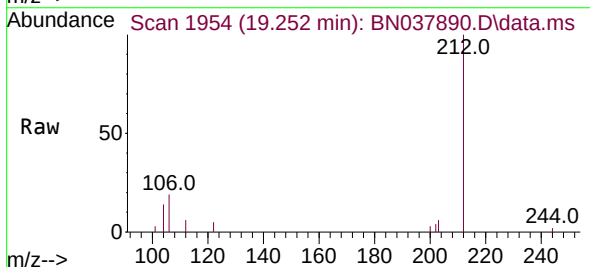
Instrument :
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BP-VPB-184-GW-60-62

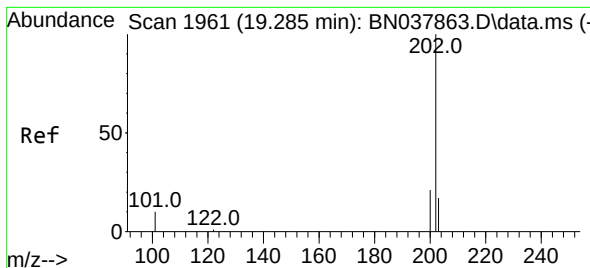
Tgt Ion:178 Resp: 6152
Ion Ratio Lower Upper
178 100
176 23.3 15.7 23.5
179 20.2 12.3 18.5#



#27
Fluoranthene-d10
Concen: 0.408 ng
RT: 19.252 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BN037890.D
Acq: 25 Sep 2025 15:48

Tgt Ion:212 Resp: 29101
Ion Ratio Lower Upper
212 100
106 15.3 12.6 19.0
104 10.3 7.4 11.0





#28

Fluoranthene

Concen: 0.023 ng

RT: 19.285 min Scan# 1961

Delta R.T. -0.000 min

Lab File: BN037890.D

Acq: 25 Sep 2025 15:48

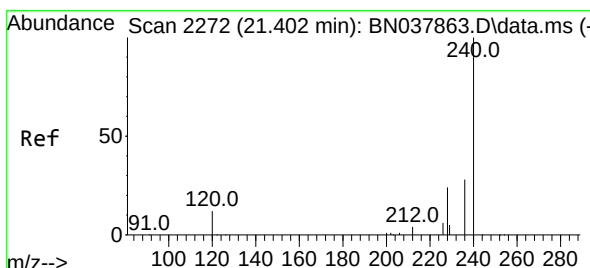
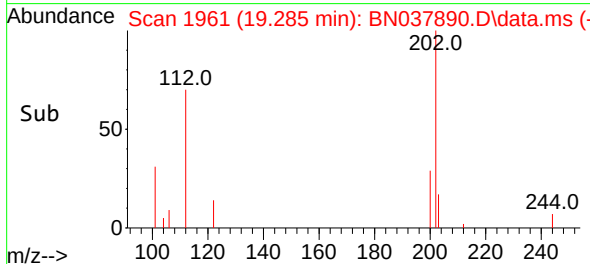
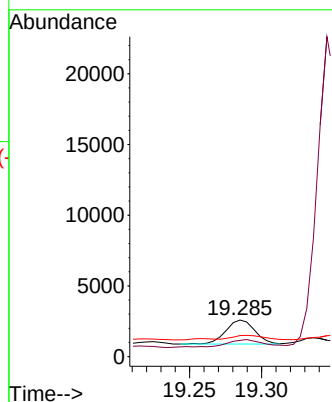
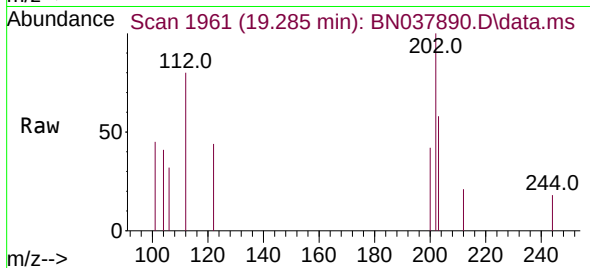
Instrument :

BNA_N

ClientSampleId :

BP-VPB-184-GW-60-62

Tgt Ion:202	Resp:	2391
Ion Ratio	Lower	Upper
202	100	
101	44.9	9.3 13.9#
203	18.9	13.6 20.4



#29

Chrysene-d12

Concen: 0.400 ng

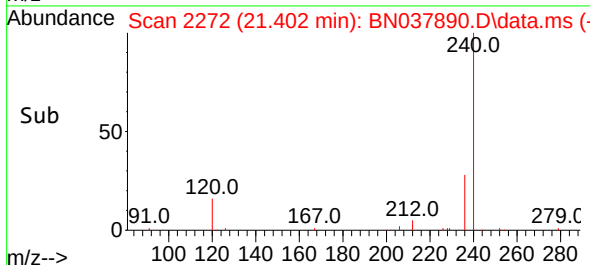
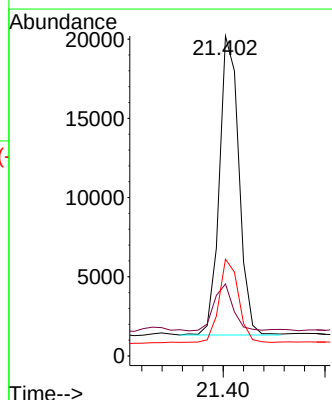
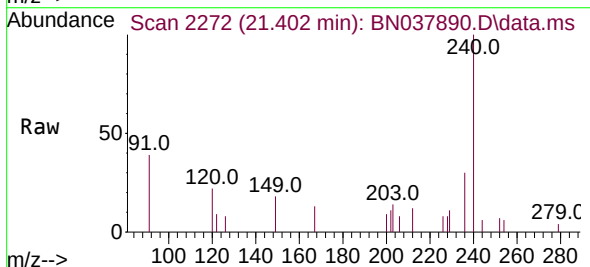
RT: 21.402 min Scan# 2272

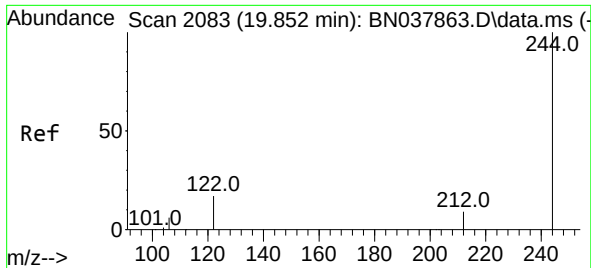
Delta R.T. -0.000 min

Lab File: BN037890.D

Acq: 25 Sep 2025 15:48

Tgt Ion:240	Resp:	25331
Ion Ratio	Lower	Upper
240	100	
120	22.5	11.4 17.2#
236	30.3	23.0 34.6

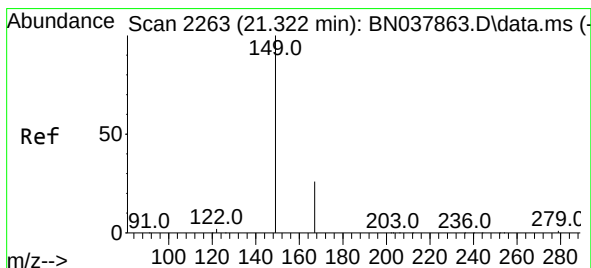
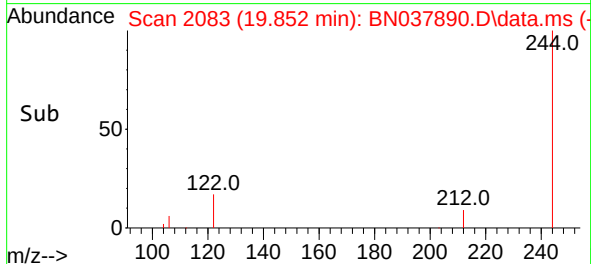
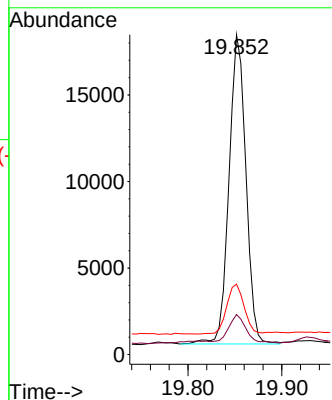
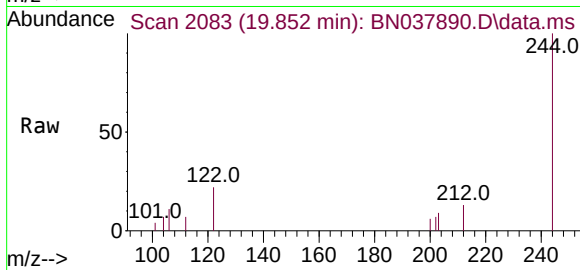




#31
 Terphenyl-d14
 Concen: 0.444 ng
 RT: 19.852 min Scan# 2083
 Delta R.T. -0.000 min
 Lab File: BN037890.D
 Acq: 25 Sep 2025 15:48

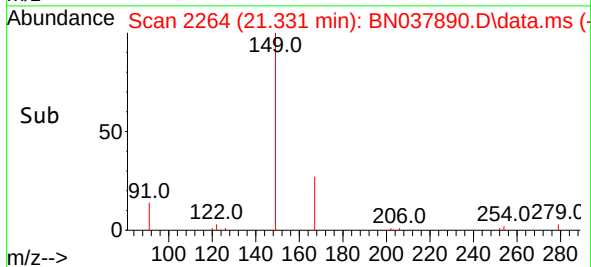
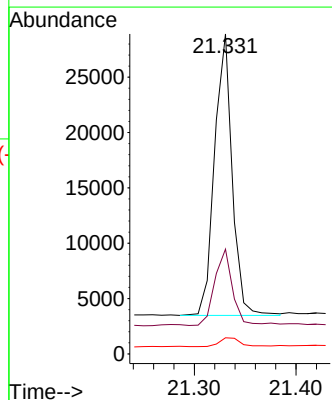
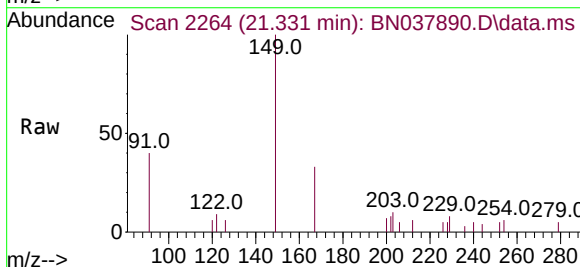
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-60-62

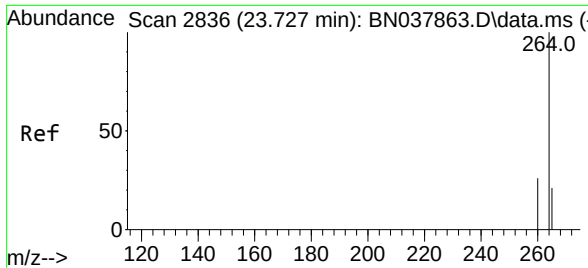
Tgt Ion:244 Resp: 22383
 Ion Ratio Lower Upper
 244 100
 212 12.5 7.6 11.4#
 122 22.0 13.9 20.9#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.875 ng
 RT: 21.331 min Scan# 2264
 Delta R.T. 0.009 min
 Lab File: BN037890.D
 Acq: 25 Sep 2025 15:48

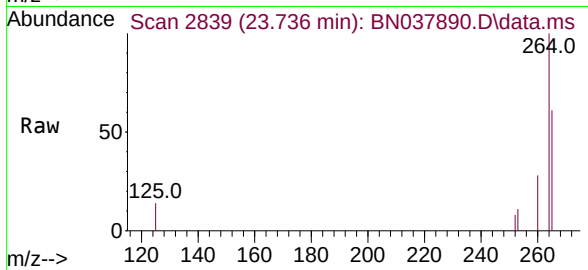
Tgt Ion:149 Resp: 30636
 Ion Ratio Lower Upper
 149 100
 167 28.0 20.4 30.6
 279 3.9 2.4 3.6#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.736 min Scan# 2839
 Delta R.T. 0.009 min
 Lab File: BN037890.D
 Acq: 25 Sep 2025 15:48

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-60-62



Tgt Ion:264 Resp: 23209

Ion	Ratio	Lower	Upper
264	100		
260	27.8	21.5	32.3
265	61.3	53.8	80.6

